



ERGONOMIC	3
CUSTOM-BUILT PRODUCTS	5
CUSTOM-BUILT SOLUTIONS	7
TWIN STACKER	9
LOGIFLEX LF MINI / ELF	11
LOGIFLEX LFS MINI / ELFS	13
LOGIFLEX SELF MAXI	15
LOGIFLEX SELFS MAXI	17
LOGIFLEX SELF MINI / SELFS MINI	19
ROTATOR	21
REEL ROTATOR	25
REEL ROTATOR WITH STRADDLE LEGS	27
LOGITRANS REEL LIFTER	29
MULTI DRUM TURNER SELFMDT & SELFSMDT	31
LOGIFLEX VOLTEADOR DE TAMBORES	33
LOGIFLEX BRAÇO de GRUA	35
LOGIFLEX PLATAFORMA	37
LOGIFLEX ESPIGÃO	39
LOGIFLEX GARFOS PARA CILINDROS	41
LOGIFLEX - TIPOS DE GARFOS	43
LOGITRANS HL / EHL	45
CONTROLO de NIVEL	47
REMOTE CONTROL	49
LOGITILT LT-TE / LT-TES	51
PANTHER MINI / MAXI	53
PANTHER	55
PANTHER SILENT	57
WSP 2200	59
LogiQ	61
HS / HSS STAINLESS-SEMI	63
EHS / EHSS STAINLESS-SEMI	65
HL / EHL RF-PLUS / RF-SEMI	67
LOGITILT LT-TE STAINLESS-SEMI	69
PANTHER INOX PLUS / PANTHER INOX	71
EQUIPAMENTOS PARA ATMOSFERAS EXPLOSIVAS	73

EU states that health and safety risks occurring from manual handling must be avoided. If this is not possible, effective measures must be implemented to eliminate or reduce risks.

In order to gain an overview of the working environment it is a good idea to conduct a workplace

assessment. This will help to identify possible health and safety issues that when addressed will prevent or minimise physical stress at work. The purpose is to create a well-arranged and flexible workplace with a practical organisation of the work.



Incorrect working position.



Ideal working position.



Flexible organisation of the work.

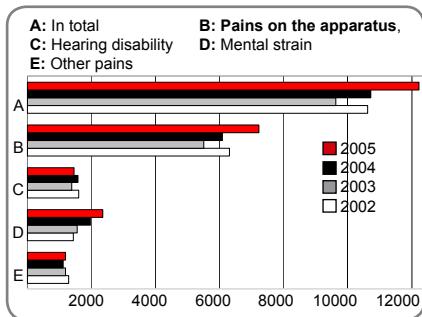
Optimum arrangement in the workplace

Logitrans puts ergonomics in focus

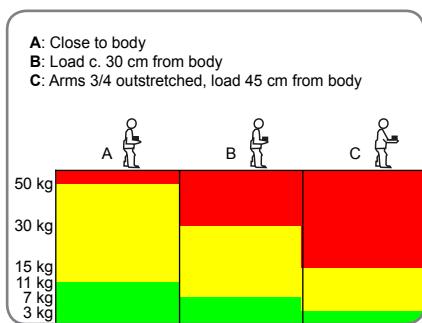
A well-organised workplace is designed to suit the work and the user and provide employees with the right equipment for their specific tasks. Proper work arrangement and equipment together with training and clear instructions on the correct and safe use of a product ensures that all employees will perform their physical tasks in a correct way.

Robust equipment - high efficiency

Logitrans offers a wide range of equipment, ensuring good and ergonomic working conditions, when transporting and handling different goods on pallets or in boxes, reels, drums, etc. At the same time good and flexible working conditions will help to increase efficiency in the workplace.



The graph shows registered work-related pains.



Correct equipment moves strain from red to yellow and yellow to green.



The highlifter is one of the unique ergonomic Logitrans products.

Factors like work position and form, distance and working height have to be considered

The workplace has to be organised with the focus on ergonomics

When organising workplaces which do not involve a great deal of physical work, it is advantageous for the user to use the equipment in standing and sitting positions.

Another factor to take into consideration is the distance between the body and the object being lifted; this should be as short as possible during the whole lifting operation (from the point of gripping to the point of releasing). At the same time the working height should be adjustable so that a correct working posture can be achieved, e.g. the load must be kept close to the body between midthigh and elbows to avoid twisting or bending of the spine.

Other factors like illumination, noise level, air, ventilation, temperature, humidity and good psychological working conditions will determine and promote health and well-being of the employees.

How do I use myself best?

Where the muscles are concerned, a distinction is made between static and dynamic work.

Static work

With static work, the muscles are under constant strain and become tired quickly. Over longer periods, such strains often lead to disorders in both muscles and sinews. Static work is performed with the body in a fixed position, e.g. with bent back, lifted shoulders or arms.

Dynamic work

With dynamic work, the muscles are alternately stretched and relaxed; the joints move the whole time. This helps blood circulation, and the work can therefore be performed for longer periods without tiring, provided that it is done at the right pace.

Optimum position of the joints

When considering the joints, these should always be allowed to work in and around their natural resting position. This helps to minimise the load on the cartilage in the joints and helps to prevent osteoarthritis.

We also offer tailor-made solutions. Please ask for further information or visit our website www.logitrans.com

Custom-built products

Greater flexibility - in cooperation with the customer we solve the handling needs of the customer. Our development department are experts in adjusting our standard products to the specific needs of the customers.

We can offer a range of different materials, fork sizes and various lifting heights. Optional extras are also available. Technical specifications and functions can be changed in order to adjust the application options of the products.

Our Custom-built products are developed based on our very flexible standard range of products without compromising safety.



Technical Specifications

Through cooperation between the customer and our development department, the handling situation of the customer is solved with focus on ergonomics and safety. Only the laws of nature and the safety reasons define the limits!

The same rules and norms are valid for custom-built products as for standard products. For a period of 10 years Logitrans supports the custom-built product as regards construction, spare parts and product service.

After receiving an enquiry with the description of the application situation, Logitrans makes an offer. When receiving the order and if required, Logitrans works out a sketch which has to be approved before manufacturing.



Logiflex with ramp, being used to carry trolleys in and out of trains.



Logiflex with sideways movable carriage with moveable slide. The spool is to be placed on spear at the customer.



Panther Maxi with pulling knob, which can be used for pulling trailers or small trolleys.



Logiflex with fixed drum fork carriage for the carrying of heavy reels with large diameters.



Logiflex with specially made drum turner for drums.



Fully powered Logiflex, remotely controlled from central computer, being used to deliver empty pallets to a production line.



Straddle Logiflex with special gripping arms for foam blocks.



Logiflex with very short forks being used for the handling of wire frames.



Straddle Logiflex with special gripping arms for light materials.



Logiflex revolving a dustbin (drum turner principle).



Logiflex with side-tilting forks being used when lifting and emptying components on a production line.



Logiflex with three extra long forks for the handling of long and heavy products.



Logitrans' range of products can be delivered in all RAL-colours.



Logiflex with side-tilting forks and spear to carry and turn wire boxes.

Please ask for further information or visit our website www.logitrans.com

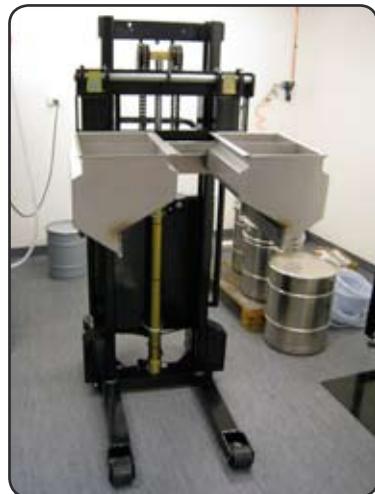
Custom-built solutions

Through close cooperation between the customer and Logitrans, the handling situation of the customer is solved with focus on ergonomics and safety.

Only the laws of nature and the safety reasons define the limits!



Special reel clamp for very smooth and 200 kg heavy reels of anti-magnetic folio for electronic parts.
P08025



The stacker is used to lift special containers in and out of machines, producing complicated parts of Titan. The lifting aggregates are made of stainless steel.
P05836-2



Stainless stacker with drum turner for lifting and emptying drums.
P06634



A Norwegian manufacturer of prepared foods for catering centres and groceries uses the fully powered Logiflex with Rotator, when handling vegetables, cream etc.



Logiflex straddle stacker with Rotator for the handling of small railway trolleys when carrying through service and repair.
P06348-2



Logiflex ELF with Rotator used at the Swedish postal services for emptying letter containers into sorting machines.
P06473

Logitrans offers a range of different materials, fork sizes and various lifting heights. Optional extras are also available. Technical specifications and functions can be changed in order to adjust the application options of

the products. Our Custom-built products are developed based on our very flexible standard range of products without compromising safety.



SELFS with Rotator for the handling of Vemag-containers. Used at a marzipan factory in Denmark.
P06692



SELF Maxi with special drum lifter. One of the handle grips of the drum is used to fix the drum.
P07267-2



SEHSS is part of a line that handles second hand clothes. The clothes are checked for damages, and put into big white bags.
03174FC4



A special low construction makes it possible to place a Panther Maxi AC in a transport box under the lorry during transport. This gives room for two more pallets in the lorry.
P04354



A SELF with Rotator is used in a supermarket early in the morning to transport ice to the fish department.
P05707-2



Stacker with Rotator with stainless plating. When transporting stainless containers, they are not damaged and no particles of paint will get in touch with the containers.

Twin Stacker – transporte e elevação de duas paletes em simultâneo

Utilize melhor o espaço disponível e reduza os custos! O Twin Stacker transporta e empilha duas paletes em simultâneo e pode ser utilizado em áreas reduzidas, por ex., em camiões, espaços comerciais e áreas de armazenamento. O Twin Stacker apresenta dimensões reduzidas e é fácil de manobrar!

Um sistema inovador e único (patenteado) bloqueia o mastro e a unidade de propulsão, se a elevação for superior a 900 mm. O Stacker é muito seguro e estável, incluindo na elevação. O Twin Stacker é fácil de manobrar, ainda que o solo se apresente desnívelado.

O Twin Stacker apresenta um design elegante, com cantos arredondados, impedindo danos à sua volta, em mercadorias, paletes, etc. O design tem como objetivo a segurança e a ergonomia das condições de trabalho do utilizador. A pegadeira ergonómica permite uma utilização relaxada, sem pressão nas costas ou braços.



Especificações Técnicas

Capacidade de Carga

- Total: 1800 kg
- Com os garfos descidos: Até 1800 kg
- Com os garfos subidos: Até 800 kg

Ideal em áreas reduzidas

- Comprimento sem garfos: 655 mm
- Ângulo curto de viragem: 210°
- Adequado a áreas estreitas

Desempenho elevado

- Manobra fácil em pisos desnivelados
- Sistema único para estabilidade na elevação > 900 mm (patenteado)
- Tecnologia AC proporciona programação da velocidade de deslocação, aceleração, etc.
- Elevada autonomia da bateria
- Sistema de travagem de alta segurança



Peso próprio reduzido permite uma utilização mais eficaz da capacidade de carga da rampa do camião.



A otimização do espaço nos camiões permite reduzir o número de operações de carga.



Sistema único e inovador (patenteado) confere estabilidade e segurança na elevação.



Reducida altura total proporciona boa visibilidade.

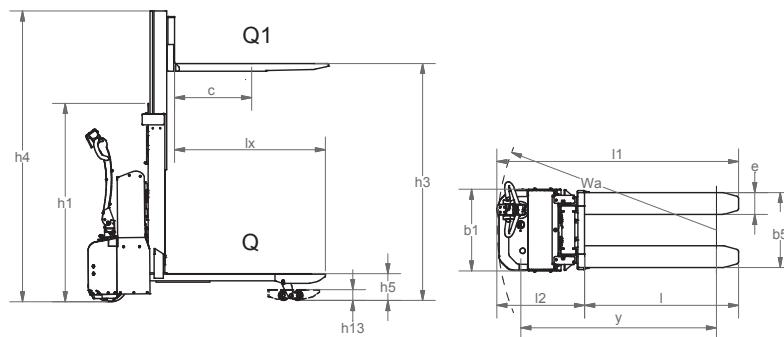


Elevada altura livre facilita a passagem por esquinas e a utilização em solos desnivelados.

MODELO (medida em mm)	TS 1801
Capacidade de Carga (kg) – garfos subidos	Q ₁ 800
Capacidade de Carga (kg) – garfos descidos	Q 1800 - Q ₁
Altura de elevação (garfos subidos)	h ₃ 1770
Comprimento dos garfos	l 1150
Altura total com mastro descido	h ₁ 1355/1475
Largura total	b ₁ 620
ALargura exterior entre os garfos	b ₅ 560
Largura do garfo	e 163
Comprimento sem garfos	l ₂ 655
Comprimento total	l ₁ 1805
Altura total com mastro elevado	h ₄ 2185
Altura livre mínima	h ₁₃ 85/90
Altura de elevação (garfos descidos)	h ₅ 200
Comprimento entre eixos	y 1460
Centro de carga	c l/2
Ângulo de rotação das rodas de direção	210°
Largura do corredor para viragem	A _{st} 2335*
Comprimento das pernas de suporte	l _x 1126
Raio de viragem	W _a 1635
Motor	24V 1,2 kW controlo eletrónico veloc.
Velocidade de deslocação com/sem carga	Elev. < 730/850mm**: 5/6 km/h; Elev. >730/850mm**: 3/4 km/h
Bomba de elevação (garfos subidos)	24V 1,2 kW
Velocidade elev. com/sem carga (garfos subidos)	70/120 mm/s
Velocidade descida com/sem carga (garfos subidos)	120/70 mm/s
Bomba de elevação (garfos descidos)	24V 1,2 kW
Velocidade elev. com/sem carga (garfos descidos)	35/50 mm/s
Velocidade descida com/sem carga (garfos descidos)	115/40 mm/s
Peso (kg) sem bateria	465

* Testes demonstram que 1850 mm são suficientes.

** Garfos descidos/Garfos subidos



Por pedido executamos soluções por medida.

Para mais informação consulte-nos ou visite o nosso website
www.logitrans.com

Logiflex - flexible handling of goods

High flexibility and efficiency - with only one truck, goods can be transported, lifted and handled in many different ways.

The design puts focus on the safety and ergonomic working conditions of the user - Logiflex can be adjusted to the individual user, and the ergonomic correct handle ensures the user a relaxed hold.

Optimum utilisation of the space - Logiflex has a compact construction and is very manoeuvrable.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Optimum safety for the user through

- central location of all control buttons on the handle
- transparent and impact-resistant safety screen on the mast
- location of parking brake

Strong construction ensures a long operating life and low maintenance costs.



Ergonomic handle ensures the user a relaxed hold. The handle can be marked with the name/department.



High manoeuvrability: Short overall length, large turning angle, assisted steering and low own weight.



Adjustable forks are standard for LF Mini and several ELF models.

Available with manual and electric lifting.

Product (measured in mm)	LF MINI	LF MINI	ELF	ELF	ELF	ELF	ELF	ELF	ELF	ELF	ELF	ELF
Capacity in kg	1000	1000	1000	1000	1200	1200	1200	1200	1000	1000	1000	1000*
Lifting height	h_3 920	1650	920	1650	920	1200	1400	1600	1910	2050	2450	2850
Fork length	l 1067, 1150		1067, 1150						600**, 800**, 1150, 1520**			
Overall height	h_4 1330		1330		1530	1730	1930	2240	1530	1730	1930	2240
Chassis span	b 460,540,660		460, 540, 660						540, 660			
Overall width	b_1 680				680					932		
Width between legs	b_4 236, 316, 436		236, 316, 436						316,436			
Fork span	b_5 Wrap-over forks: 350-560		Wrap-over forks: 350-560						560, 680			
Length without forks	l_2 415				590							
Overall length with 1150 forks	l_1 1675	1685	1860	1870		1800			1810			
Overall height	h_4 1330	2025	Without telescopic mast	2025		Without telescopic mast			2490	2890	3290	3740
Lowered height	h_{13} 85 (fork span 560) 145 (fork span 350-555)		85 (fork span 560) 145 (fork span 350-555)		85				90			
Load centre	c 1/2					1/2						
Fork width	e 163					163						
Run-in length	l_x 1100 with 1150 mm forks				1100 with 1150 mm forks							
Gangway (pallet: 1200 x 800)	A_{st} 2190****				2290****							
Free lift	h_2 330		330		330				190			
Turning angle of the wheels	180°				180°							
Pump motor					1,1 kW 12 V							
Lifting speed	normal/quick: 8/26 mm per pump				With/without load: 0,05/0,07 m/s							
Lowering speed with/without load	max. 0,05 m/s / max. 0,07 m/s				0,12 m/s / 0,04 m/s				0,12 m/s / 0,06 m/s			
Weight in kg (without battery)	219	254	238	284	230	241	247	260	270	315	323	337
										390		

* Load reduction at large lifting height.

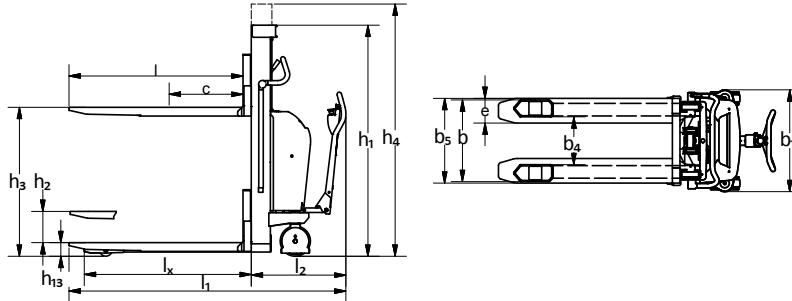
** Maximum lifting height 1600 mm with 600 mm forks, maximum lifting height 2450 mm with 800 mm forks.

*** Reduced capacity 750 kg. Not available for 1200 kg models.

**** Tests show that 1700 mm are enough.



Available with side-tilting forks and/or optional extras, e.g. drum turner, crane arm, spear, remote control, level control.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Logiflex com estabilizadores laterais ajustáveis - flexibilidade na movimentação de materiais

Alta flexibilidade e eficiência – O Logiflex stacker com estabilizadores laterais ajustáveis transporta, eleva e manipula cargas em todos tipos de paletes - também paletes fechadas. Grande flexibilidade graças a vasta gama de acessórios disponíveis como opção.

O design focado especialmente na ergonomia e segurança permite oferecer ao operador uma individualização das condições de trabalho. A forma ergonómica correcta do timão assegura um manejo descontraído.

O design e construção com esquinas arredondadas evitam os danos no piso, no material a movimentar e nas paletes.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

Os estabilizadores laterais ajustáveis permitem trabalhar com todos diferentes tipos de paletes.

Segurança óptima do operador graças a:

- localização centralizada de todos os comandos no timão
- painel de protecção no mastro em material transparente e resistente ao choque
- localização do travão de estacionamento

Disponível com elevação manual / eléctrica.



Disponível com volteador de tambores e outros acessórios opcionais como: volteador lateral de garfos, braço de grua, espigão para rolos, controlo remoto e controlo de nível.



Garfos ajustáveis como opção em várias dimensões e tipos de construção, consultar o respectivo folheto.



Timão ergonómico para assegurar ao operador uma mão descontraiada. O timão pode ser individualizado com nome/departamento.

MODELO (medida em mm)	LFS MINI	LFS MINI	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	ELFS	
Capacidade em kg	1000	1000	1000	1000	1200*	1200*	1200*	1200*	1000	1000	1000	1000	1000	1000	
Altura de Elevação garfos: envolventes/Barra	h_3 890/870	1620/1600	890/870	1620/1600	870	1150	1350	1550	1880/ 1860	2020/ 2000	2420/ 2400	2820/ 2800	3270/ 3250		
Comprimento do Garfos	l 600, 800, 1067, 1150, 1520**		600, 800, 1067, 1150, 1520**			1067, 1200			800, 1067, 1150, 1520**		1067, 1150, 1520**				
Altura da Máquina - mastro recolhido	h_1 1330			1330		1530	1730	1930	2240	1530	1730	1930	2240		
Largura da Máquina	b_1 166 + b_4					166 + b_4									
Abertura dos Garfos (mín.-máx.)	b_5 Envolventes: 350/800, barra: 230/680		Envolventes: 350/800, barra: 230/680		Envolventes: 350/800, barra: 230/680		Barra: 230/680		Envolventes: 350/800, barra: 230/680						
Comprimento sem Garfos	l_2 415					590									
Comprimento total com Garfos 1150	l_1 1685	1695	1855	1865		1855				1865					
Altura da Máquina na elevação máx.	h_4 Sem mastro telescópico	2025	Sem mastro telescópico	2025		Sem mastro telescópico			2490	2890	3290	3740			
Altura Mínima do Garfo	h_{13} Barra: 40, envolventes: 65		Barra: 40, envolventes: 65		Barra: 40			Barra: 40		Barra: 40, envolventes: 65					
Centro de gravidade	c I/2					I/2									
Largura dos estabilizadores	b_4 850-942, 942-1124, 1124-1306, 1240-1422***		850-942, 942-1124, 1124-1306, 1240-1422***		850-942, 942-1124			850-942, 942-1124, 1124-1306, 1240-1422***							
Largura do Garfo	e Barra: 100, envolventes: 163		Barra: 100, envolvents: 163		Barra: 100			Barra: 100		Barra: 100, envolvents: 163					
Comprimento dos Estabilizadores	l_x 1080 com garfos de 1150 e 1067			1080 com garfos de 1150 e 1067											
Corredor de tralho	A_{st} 2190 (paleta: 1200 x 800)****				2290 (paleta: 1200 x 800)****										
Elevação Livre	h_2 330		330							190					
Ângulo de rotação das rodas de Direcção		180°				180°									
Grupo Moto-Bomba							1,1 kW 12 V								
Velocidade de elevação		Normal/rápida: 8/26 mm por cada curva bomba					Com/sem carga: 0,05/0,07								
Velocidade de descida com/sem carga		max. 0,05 m/s / max. 0,07 m/s			0,12 m/s / 0,04 m/s			0,12 m/s / 0,06 m/s							
Peso (sem bateria)	285 kg	320 kg	282 kg	317 kg	282 kg	301 kg	307 kg	311 kg	319 kg	362 kg	369 kg	378 kg	427 kg		

* Os modelos de 1200 kg só estão disponíveis com garfos forjados maciços.

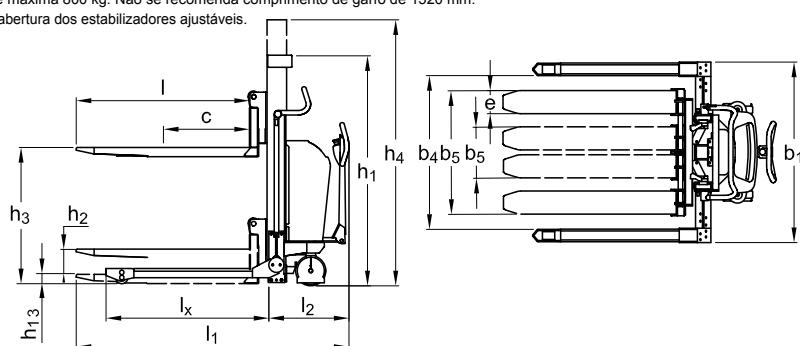
** Capacidade reduzida a 750 kg.

*** Com larguras de estabilizadores superiores a 1306 mm: Capacidade máxima 800 kg. Não se recomenda comprimento de garfo de 1520 mm.

**** Testes práticos demonstram que 1700 mm são suficientes - varia com abertura dos estabilizadores ajustáveis.



Construção robusta para uma longa vida útil com reduzidos custos de manutenção.



Também oferecemos soluções feitas por medida.
Para mais informação consulte-nos
ou visite o nosso website www.logitran.com

Fully powered Logiflex Maxi - makes work go smoothly

High flexibility and efficiency - the fully powered Logiflex Maxi can transport, handle and lift different goods.

The design puts focus on the safety and ergonomic working conditions of the user - Logiflex Maxi can be adjusted to the individual user, and the ergonomic correct handle ensures the user a relaxed hold.

No damage to surroundings, pallets and goods. Logiflex Maxi has an elegant design with rounded corners.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

The fully powered Logiflex Maxi has optimum driving qualities and manoeuvrability even in the most confined areas.

High performance with AC technology

- Easy setting of e.g. driving speed, acceleration and deceleration
- Long operating time per charge

Strong construction ensures a long operating life and low maintenance costs.



Possible to operate with the handle upright. Central location of all control buttons.



Adjustable forks are available as optional extra in many different lengths and types.



Available with Rotator and/or optional extras, e.g. crane arm, drum turner, remote control, level control, built-in charger.

Product (measured in mm)	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI	SELF MAXI
Capacity in kg	1000/1200	1000/1200	1000/1200	1000/1200	1000	1000	1000*	1000	1000*	1000*	1000*
Lifting height with wrap-over forks	h_3	920	1200	1400	1600	1910	2050	2450	2450	2850	3300
Fork length	l					600**, 800**, 1150, 1520***					
Overall height	h_1	1320	1530	1730	1930	2240	1530	1730	1730	1930	2240
Chassis span	b	460, 540, 660				540, 660					
Overall width	b_1				635					890	
Width between legs	b_4	236, 316, 436				316, 436					
Fork span	b_5	480****, 560, 680				560, 680					
Length without forks	l_2				605						
Overall length with 1150 forks	l_1		1755					1765			
Overall height	h_4			Without telescopic mast			2490	2890	2890	3290	3740
Lowered height, forks	h_{13}				90						
Load centre	c					1/2					
Fork width	e					163					
Run-in length	l_x				1040 with 1150 forks						
Gangway (w/pallet: 1200 x 800)	A_{st}				2200 - tests show that 1700 mm are enough						
Free lift	h_2						190				
Turning angle of the wheels					210°						
Motor					1,2 kW 24 V speed control electronically variable						
Driving speed with/without load					Below 500 mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h						
Pump motor					1,2 kW 24 V						
Lifting speed with/without load					Cap. 1000 kg: 0,07/0,12 m/s, cap. 1200 kg: 0,04/0,07 m/s						
Lowering speed with/without load					0,12/0,07 m/s			0,12/0,08 m/s			
Weight in kg (no battery): Cap. 1000/1200 kg	351	370	376	380	388	431	438	445	454	468	

* Load reduction at large lifting height.

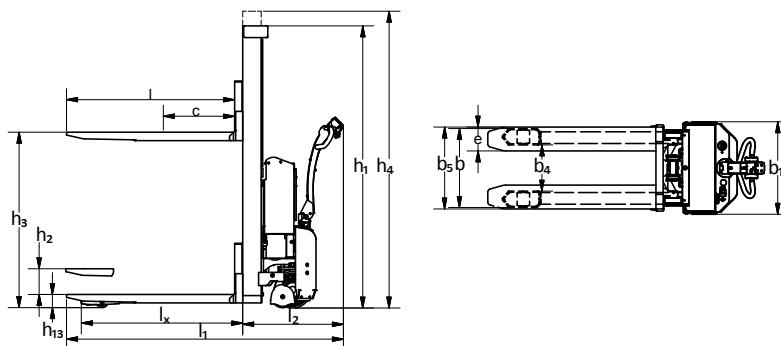
** Maximum lifting height 1600 mm with 600 mm forks, maximum lifting height 2450 mm with 800 mm forks.

*** Reduced capacity 750 kg. Not available for 1200 kg models.

**** Only for 1000 kg models.



Optimum safety through transparent and impact-resistant safety screen and reduced driving speed in raised position.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com



Fully powered straddle Logiflex Maxi - makes work easy

High flexibility and efficiency - a fully powered straddle Logiflex Maxi can transport, lift and handle different goods. All types of pallets - also closed pallets - can be handled.

Large range of optional extras ensures an optimum flexibility.

The design puts focus on the safety and ergonomic working conditions of the user - Logiflex Maxi can be adjusted to the individual user, and the ergonomic correct handle ensures the user a relaxed hold.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Straddle legs make it possible to handle many different pallet types.

High performance with AC technology

- Easy setting of e.g. driving speed, acceleration and deceleration
- Long operating time per charge

Strong construction ensures a long operating life and low maintenance costs.



Available with Rotator and/or optional extras, e.g. drum turner, remote control, level control, built-in charger.



Possible to operate with the handle upright. Central location of all control buttons.



Adjustable forks are available in many different lengths and types.

Product (measured in mm)	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI	SELFS MAXI
Capacity in kg	1000/1200*	1000/1200*	1000/1200*	1000/1200*	1000	1000	1000	1000	1000
Lifting height forks: Wrap-over/chisel h_3	890/870	1170/1150	1370/1350	1570/1550	1880/1860	2020/2000	2420/2400	2820/2800	3270/3250
Fork length l				600**, 800**, 1067, 1150, 1520***					
Overall height h_1	1320	1530	1730	1930	2240	1530	1730	1930	2240
Overall width b_1				166 + b_4					
Fork span min./max. b_5				Wrap-over: 350 / 800, bar: 230 / 680, chisel: 230 / 680					
Length without forks l_2				703					
Overall length by 1150 forks l_1			1855				1865		
Overall height h_4			Without telescopic mast		2490	2890	3290	3740	
Lowered height, forks h_{13}				Chisel: 40, bar: 65, wrap-over: 65					
Load centre c				$l/2$					
Width between legs: Cap. 1000/1200 kg b_4			850 - 942, 942 - 1124, 1124 - 1306, 1240-1422**** / 850 - 942, 942 - 1124						
Fork width e				Chisel: 100, bar: 100, wrap-over: 163					
Run-in length l_x				967 by 1150 and 1067 fork length					
Gangway (pallet: 1200 x 800) A_{st}			2200 - tests show that 1700 mm are enough - depends on width between straddle legs						
Free lift h_2					190				
Turning angle of the wheels				210°					
Driving motor				1,2 kW 24 V speed control electronically variable					
Driving speed with/without load				Below 500 mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h					
Pump motor				1,2 kW 24 V					
Lifting speed with/without load				Cap. 1000 kg: 0,07/0,12 m/s, cap. 1200 kg: 0,04/0,07 m/s					
Lowering speed with/without load			0,12/0,07 m/s			0,12/0,08 m/s			
Weight in kg (no battery)	411	430	436	440	448	491	498	507	521

* 1200kg models are only available with chisel forks - fork length options: 1067 and 1200mm.

** Maximum lifting height 1570 mm by 600 mm fork length, maximum lifting height 2420 by 800 mm fork length.

*** Reduced capacity 750 kg.

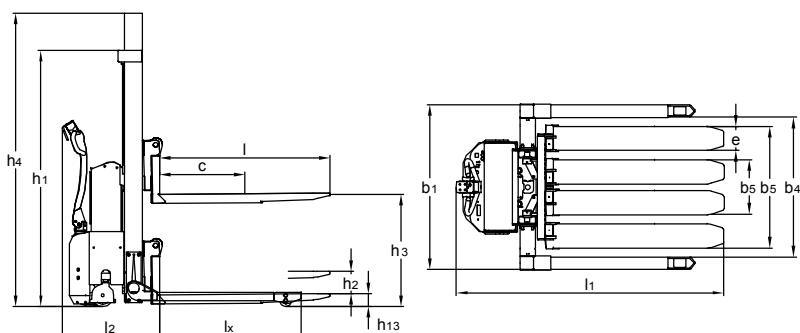
**** Width between straddle legs of more than 1306 mm:

Max. capacity 800 kg.

Fork length of 1520 mm is not recommended.



Optimum safety through transparent and impact-resistant safety screen and reduced driving speed in raised position.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Fully powered Logiflex Mini – light, flexible and safe!

Logiflex Mini is a light and manoeuvrable fully powered stacker – your best choice for the light handling in minor storage and shopping areas.

The design puts focus on the safety and ergonomic working conditions of the user. Logiflex Mini can be adjusted to the individual user, and the ergonomic correct handle ensures the user a relaxed hold. The low overall height gives optimum view conditions.

No damage to surroundings, pallets and goods – Logiflex has an elegant design with rounded corners.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Logiflex Mini gives the user

- easy setting of e.g. driving speed and acceleration
- compact construction
 - perfect in confined areas
- easy service
 - easy access to batteries
- low overall height – optimum view
- long operation time per charge
- possibility to operate with the handle upright



Adjustable carriage is standard.



Hour counter, battery indicator and error finding in the same instrument.
Motor brake.



Available with optional extras,
e.g. crane arm, drum turner,
boom, remote control and level
control.

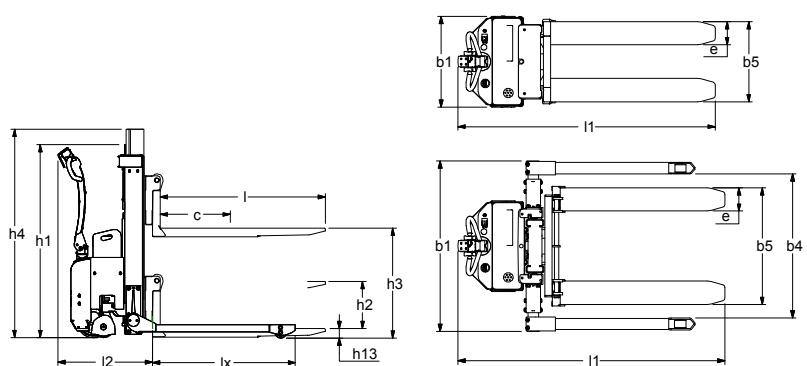
Product (measured in mm)	SELF MINI	SELF MINI	SELFS MINI	SELFS MINI
Capacity in kg	1000	1000	1000	1000
Lifting height with wrap-over forks	h ₃	920	1650	890
Fork length	l	1067, 1150		600/800/1067/1150/1520*
Overall height	h ₁	1320	1350	1320
Overall width	b ₁	635, 710		166+ b ₄
Fork span	b ₅	Wrap-over: 350-560		Wrap-over: 350-800, chisel: 270-680, bar: 230-680
Length without forks	l ₂	620	630	620
Overall length with 1150 forks	l ₁	1825	1835	1825
Overall height	h ₄	1320	2025	1320
Lowered height, forks	h ₁₃	90 (fork span 560) 150 (fork span 350-555)		Wrap-over: 65, chisel: 45, bar: 65
Load centre	c		l/2	
Width between legs	b ₄			850-942, 942-1124, 1124-1306, 1240-1422**
Fork width	e		163	
Run-in length	l _x	1100 with 1150 mm forks		1080 with 1150 mm forks
Gangway (w/pallet: 1200 x 800)	A _{st}		2200 - tests show that 1700 mm are enough - depends on b ₄	
Free lift	h ₂	330		330
Turning angle of the wheels			210°	
Motor		0,7 kW 24 V speed control electronically variable		
Driving speed with/without load		Below 500 mm lift: 5,2/5,5 km/h, over 500 mm lift: 3/4 km/h		
Pump motor			1,2 kW 24 V	
Lifting speed with/without load		0,07/0,12 m/s		
Lowering speed with/without load		0,12/0,07 m/s		
Weight in kg (without battery)	308	363	348	403

* Reduced capacity 750 kg.

** Width between straddle legs of more than 1306 mm: Max. capacity 800 kg. Fork length of 1520 mm is not recommended.



For intensive use, we recommend SELF Maxi or SELFS Maxi.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Rotator

- optimises the working conditions

The Rotator is available in three unique models
– all three with focus on safety!

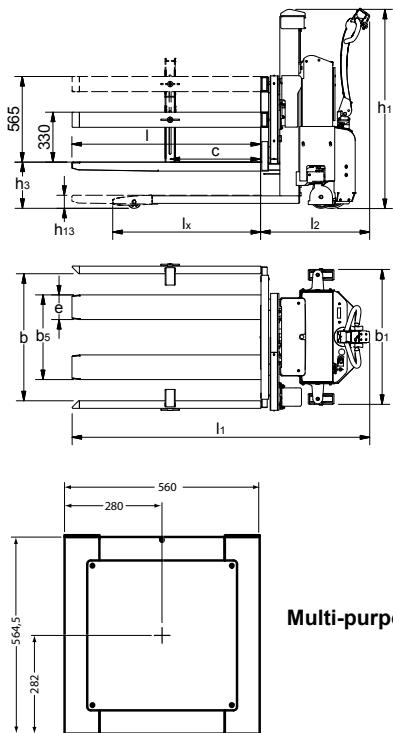
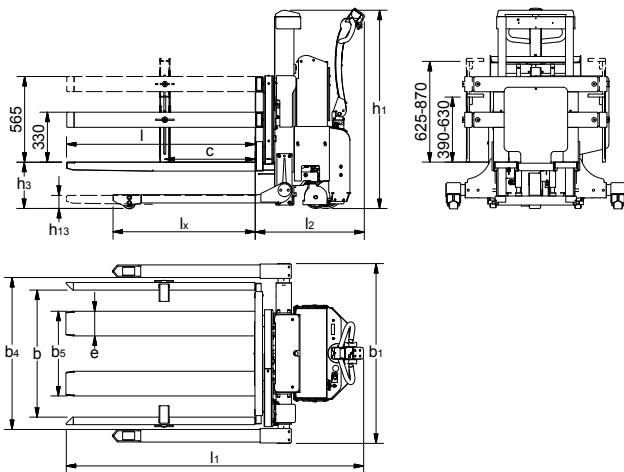
The Rotator with adjustable box holders is a unique and flexible solution for companies, requiring handling of boxes with different widths.

The Rotator with non-adjustable box holders is the solution, if handling of different box widths is not required.

On the Rotator with multi-purpose carriage it is possible to fix and rotate different items, such as tools. This model can be adapted to the requirements of the individual customer.

The two models with box holders can tilt crates and boxes so that the user can reach the contents without stretching, bending and straining the back.



**Rotator with non-adjustable box holders
ELFR & SELFR:**

Multi-purpose carriage
**Rotator with straddle legs and non-adjustable box holders
ELFSR & SELFSR:**


Product (measured in mm)	ELFR, SELFR / ELFSR, SELFSR	ELFR, SELFR / ELFSR, SELFSR	ELFR, SELFR / ELFSR, SELFSR	ELFR, SELFR / ELFSR, SELFSR	ELFR, SELFR / ELFSR, SELFSR
Capacity in kg	1000*	1000 *	1000*	1000*	1000*
Lifting height	h ₃	920	1200	1400	1600
Fork length	l		1250		
Overall height	h ₁	1330	1530	1730	1930
Overall width	b ₁	932, 890 (ELFR & SELFR: distance between steering wheels 860 mm) / 166 + b ₄			
Width between legs	b ₄	314, 434 / 850-942, 942-1124, 1124-1306, 1240-1422**			
Fork span	b ₅	560, 680			
Length without forks	l ₂	590, 605 / 590, 703			
Overall length with 1250 forks	l ₁	2000, 1955 / 2000, 1955			
Lowered height, forks	h ₁₃	85, 90 / 85, 90		90	
Load centre	c	I/2			
Fork width	e	163			
Run-in length	l _x	1040			
Gangway (pallet: 1200 x 800)	A _{st}	2290***, 2200*** / 2290***, 2200***			
Turning angle of wheels		180°, 210° / 180°, 210°			
Motor		SELFR & SELFSR: 1,2 kW 24 V speed control electronically variable			
Driving speed with/without load		SELFR & SELFSR: Below 500 mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h			
Pump motor		1,1 kW 12 V / 1,2 kW 24 V			
Lifting speed with/without load		ELFR & ELFSR: 0,05/0,07 m/s, SELFR & SELFSR: 0,07/0,12 m/s,			
Lowering speed with/without load		ELFR & ELFSR: 0,12 m/s / 0,04 m/s, SELFR & SELFSR: 0,12 m/s / 0,07 m/s			
Max. torque		700 Nm			
Tilt function		355° (with one adjustable stop in every side) (Standard: 45° to every side)			
Tilt area		Forks: 400 - 900 (h ₃). Multi-purpose carriage: 680 - 1180 from floor to rotation centre			
Tilt time (0-180°)		Minimum 30 sec. (adjustable)			
Electric motor for tilt function		ELFR & ELFSR: 12 V 24 A, SELFR & SELFSR: 24 V, 12 A			
Motor specifications		0,2 kW, 3000 r/m Permanent magnet motor, IP 44, class F. Gear 1:228			
Operation		not continuously (S2=10 min.)			
Weight in kg (without battery)	372, 501 / 432, 561	391, 520 / 451, 580	397, 526 / 457, 586	401, 530 / 461, 590	409, 538 / 469, 598
Box holder with/without clamps (optional extras)	b	For box widths of 800, 850 or 1000 mm by a fork span of 560 mm. For box widths of 1000, 1050 or 1200 mm by a fork span of 680 mm. Special arrangements for a maximum box width of 1400 mm are possible. Box holders with clamps can hold boxes of heights between 380 and 870 mm, when tilted.			

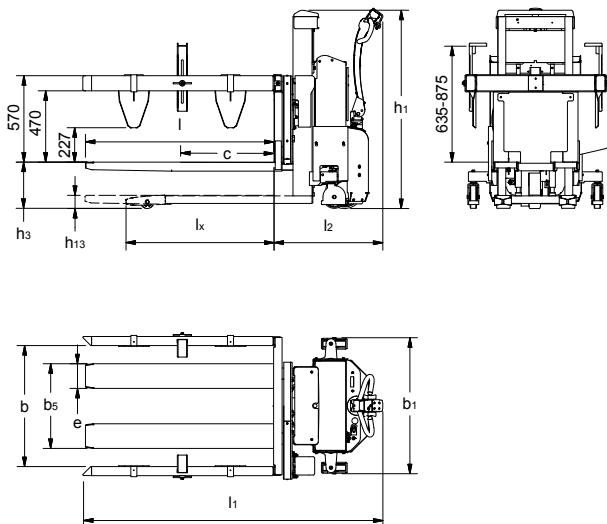
* Maximum 1000 kg when the load centre is maximum 80 mm from the rotation centre.

The load capacity that can be tilted is reduced, the larger the distance is between load centre of the load and rotation centre.

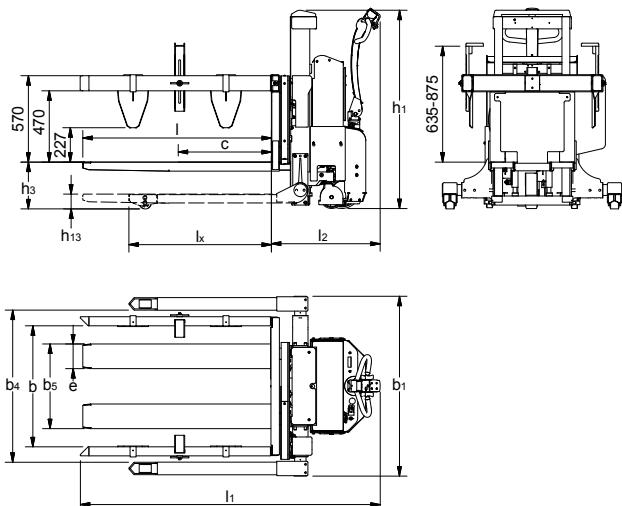
** Width between straddle legs of more than 1306 mm: Max. capacity 800 kg.

*** Tests show that 1700 mm is enough (on straddle model it depends on width between the straddle legs).

**Rotator with adjustable box holders
ELFRA & SELFRA:**



**Rotator with straddle legs and adjustable box holders
ELFSRA & SELFSRA:**



Product (measured in mm)	ELFRA , SELFRA / ELFSRA, SELFSRA	ELFRA , SELFRA / ELFSRA, SELFSRA	ELFRA , SELFRA / ELFSRA, SELFSRA	ELFRA , SELFRA / ELFSRA, SELFSRA	ELFRA , SELFRA / ELFSRA, SELFSRA
Capacity in kg	1000*	1000 *	1000*	1000*	1000*
Lifting height	h_3	920	1200	1400	1600
Fork length	l		1250		
Overall height	h_1	1330	1530	1730	1930
Overall width	b_1	932, 890 (ELFRA & SELFRA: distance between steering wheels 860 mm) / 166 + b_4			
Width between legs	b_4	314, 434 / 850-942, 942-1124, 1124-1306, 1240-1422**			
Fork span	b_5		560, 680		
Length without forks	l_2		590, 605 / 590, 703		
Overall length with 1250 forks	l_1		2000, 1955 / 2000, 1955		
Lowered height, forks	h_{13}	85, 90 / 85, 90		90	
Load centre	c		I/2		
Fork width	e		163		
Run-in length	l_x		1040		
Gangway (pallet: 1200 x 800)	A_{st}		2290***, 2200*** / 2290***, 2200***		
Turning angle of wheels			180°, 210° / 180°, 210°		
Motor		SELFR & SELFSRA: 1,2 kW 24 V speed control electronically variable			
Driving speed with/without load		SELFR & SELFSRA: Below 500 mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h			
Pump motor		1,1 kW 12 V / 1,2 kW 24 V			
Lifting speed with/without load		ELFRA & ELFSRA: 0,05/0,07 m/s, SELFR & SELFSRA: 0,07/0,12 m/s,			
Lowering speed with/without load		ELFRA & ELFSRA: 0,12 m/s / 0,04 m/s, SELFR & SELFSRA: 0,12 m/s / 0,07 m/s			
Max. torque		700 Nm			
Tilt function		355° (with one adjustable stop in every side) (Standard: 45° to every side)			
Tilt area		Forks: 400 - 900 (h_3)			
Tilt time (0-180°)		Minimum 30 sec. (adjustable)			
Electric motor for tilt function		ELFRA & ELFSRA: 12 V 24 A, SELFR & SELFSRA: 24 V, 12 A			
Motor specifications		0,2 kW, 3000 r/m Permanent magnet motor, IP 44, class F. Gear 1:228			
Operation		not continuously (S2=10 min.)			
Weight in kg (without battery)	372, 501 / 432, 561	391, 520 / 451, 580	397, 526 / 457, 586	401, 530 / 461, 590	409, 538 / 469, 598
Adjustable box holders with/without clamps (optional extra)	b	The box holders can be adjusted for box widths from 800 to 1200mm Box holders with clamps can hold boxes of heights between 635 and 875 mm, when tilted			

* Maximum 1000 kg when the load centre is maximum 80 mm from the rotation centre.
The load capacity that can be tilted is reduced, the larger the distance is between load centre of the load and rotation centre.

** Width between straddle legs of more than 1306 mm: Max. capacity 800 kg.

*** Tests show that 1700 mm is enough (on straddle model it depends on width between the straddle legs).

Technical Specifications

Advantages of the three Rotator models:

- Easy to set degree of tilt and rotation speed
- Precise and controlled acceleration/deceleration on rotation at start/stop
- Simple construction
 - easy to exchange wearing parts
- Tilting function is deactivated automatically, when rotating to neutral position.

Box holders with clamps are recommended when tilting more than 60°.



Non-adjustable box holders: Depending on the height/weight of the load, one or two sets of box holders (with/without clamps) can be fitted (optional extras).



Box holders with or without clamps (optional extras) can be fitted. Clamps are recommended when tilting more than 60°.



The Rotator can turn a box 180° to empty it fully, when equipped with box holders with clamps.



Adjustable box holders: The width is adjusted by a handle, so that the width fits the requested box width (between 800 mm and 1200 mm).



Adjustable box holders: Depending on the stability and type of the box, side support plates can be chosen as optional extra.



Rotator with adjustable box holders with clamps and two sets of side support plates.



Rotator with adjustable box holders can easily be adjusted to boxes with widths from 800 mm to 1200 mm.



Remote control for rotation (with cable as standard/wireless as optional extra). Also available for the lifting/lowering function.



Easy to set degree of tilt and rotation speed.



With Rotator Reel Clamp heavy reels can be transported, lifted and rotated 90° to each side.



Multi-purpose carriage, which can be adjusted to fit specific customer items, e.g. tools.



The Rotator is here used in the component industry.



Optimum working conditions: The user can reach the contents without stretching and straining the back.



The Rotator is here used in the food industry.

We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Reel Rotator – handling of heavy reels

When transporting, lifting and rotating heavy reels, the Reel Rotator is the perfect choice! It is compact, very manoeuvrable and ensures the user ergonomically correct working conditions.

The reels are fixed with gripping arms, having rubber-covered gripping pads to achieve the largest friction and to ensure a gentle grip. The Reel Rotator manages soft as well as smooth and hard reels.

High focus on safety! None of the models can open the gripping arms by mistake, and the reels can only be released, when placed on floor or pallet. On models with electric rotation, it is only possible to rotate at lifting heights above 825 mm, so that the gripping arms cannot touch floor or legs.

The Reel Rotator is available in four unique models, with manual or electric rotation, reel fastening/releasing and lifting.



Technical Specifications

Available in four models and can handle

- Vertical reels placed on floor or pallet
- Horizontal and vertical reels that are clear off the floor

On trucks with manual rotation, the tilt degree can be set for every 90° (with a locking system). Trucks with electric rotation have programmable tilt degree.



Opening the gripping arms by mistake is not possible. Clear indication whether the clamping force is sufficient for lifting/rotating.

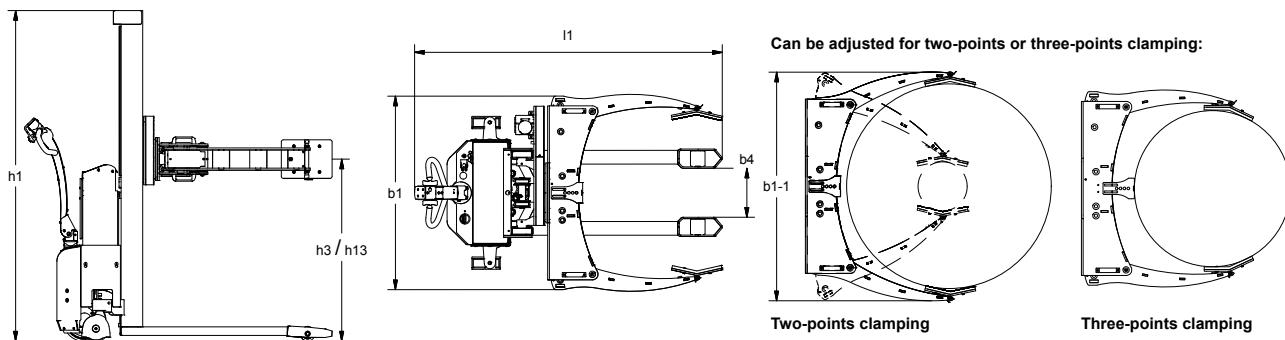


All models are available with straddle legs.



The electric trucks have remote control for reel fastening/releasing.

Product (measured in mm)	LFRRM 1001	ELFRRM 1001	ELFRRE 1001	SELFRRE MAXI 1002
Capacity in kg	500	500	500	500
Reel diameter	120 - 1270 (two-points clamping: 120 - 1270, three-points clamping: 800 - 1270)			
Opening gripping arms		max. 1300		
Lifting height	h_3	1750		
Overall height	h_1	1925		1930
Overall width	b_1	1130		
Overall width gripping arms	b_{1-1}	1430		
Width between legs	b_4	285		
Overall length	l_1	1620	1730	1730
Lowered height	h_{13}	225		
Rotation height		min. 825		
Gangway	A_{st}	2290 - tests show that 1700 mm are enough		2200 - tests show that 1700 mm are enough
Turning angle of the wheels		210°		
Driving motor				1,2 kW 24 V speed control electronically variable
Driving speed with/without load				Below 500mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h
Pump motor		1,1 kW 12 V	1,1 kW 12 V	1,2 kW 24 V
Lifting speed with/without load	Normal / quick: 8/26 mm per pump	0,05/0,07 m/s	0,05/0,07 m/s	0,07/0,12 m/s
Lowering speed with/without load	Max. 0,05 m/s / Max. 0,07 m/s	0,12/0,04 m/s	0,12/0,04 m/s	0,12/0,07 m/s
Weight in kg (no battery)	380	410	410	480



We also offer tailor-made solutions.
 Please ask for further information or visit our website www.logitrans.com

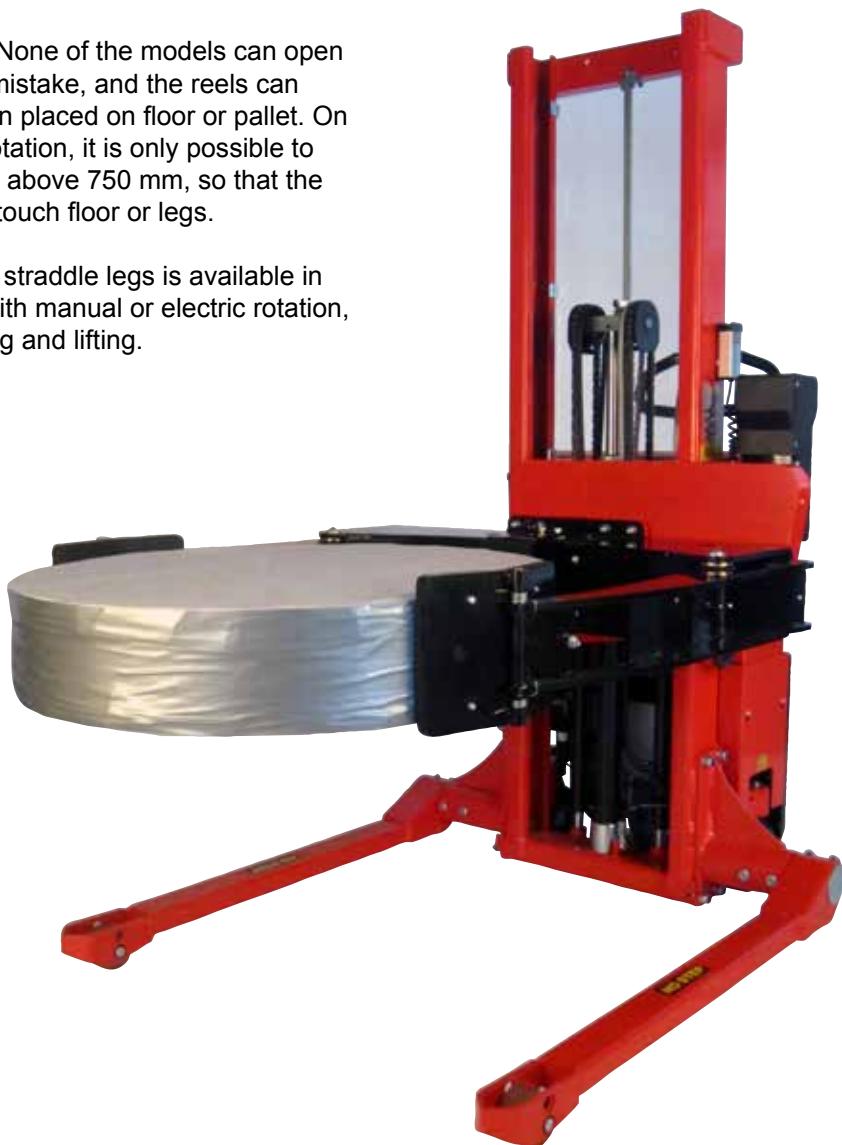
Reel Rotator with straddle legs – handling of heavy reels from all pallet types

When heavy reels, e.g. placed on closed pallets, are to be transported, lifted and rotated, the Reel Rotator with straddle legs is the perfect choice! It can grip and place reels, which are located on all types of pallets. It is compact, very manoeuvrable and ensures the user ergonomically correct working conditions.

The reels are fixed with gripping arms, having rubber-covered gripping pads to achieve the largest friction and to ensure a gentle grip. The Reel Rotator manages soft as well as smooth and hard reels.

High focus on safety! None of the models can open the gripping arms by mistake, and the reels can only be released, when placed on floor or pallet. On models with electric rotation, it is only possible to rotate at lifting heights above 750 mm, so that the gripping arms cannot touch floor or legs.

The Reel Rotator with straddle legs is available in four unique models, with manual or electric rotation, reel fastening/releasing and lifting.



REEL ROTATOR WITH STRADDLE LEGS

Technical Specifications

Available in four models and can handle

- Vertical reels placed on floor or pallet (no matter which pallet type)
- Horizontal and vertical reels that are clear off the floor

On trucks with manual rotation, the tilt degree can be set for every 90° (with a locking system). Trucks with electric rotation have programmable tilt degree.



Opening the gripping arms by mistake is not possible. Clear indication whether the clamping force is sufficient for lifting/rotating.

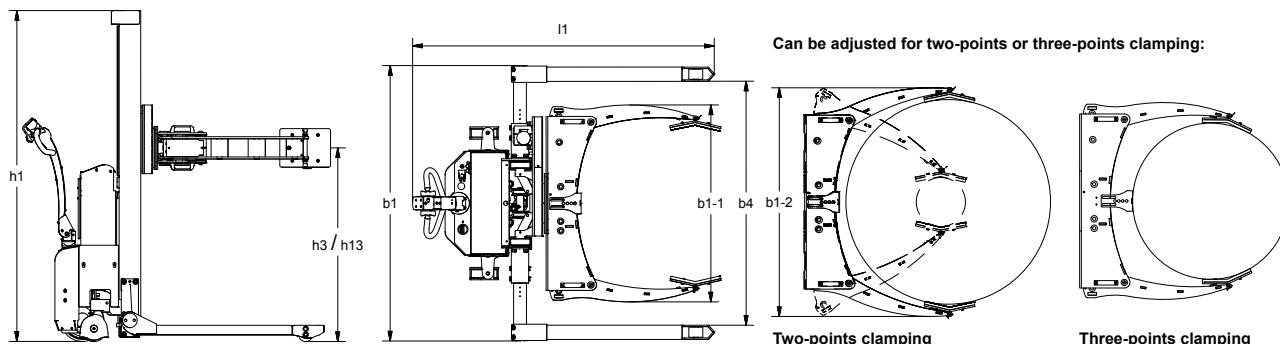


All models are available without straddle legs.



The electric trucks have remote control for reel fastening/releasing.

Product (measured in mm)	LFSRRM 1001	ELFSRRM 1001	ELFSRRE 1001	SELFSRRE MAXI 1002
Capacity in kg	500	500	500	500
Reel diameter	120 - 1270 (two-points clamping: 120 - 1270, three-points clamping: 800 - 1270)			
Opening gripping arms	max. 1300			
Lifting height	h_3	1750		
Overall height	h_1	1925		1930
Overall width	b_1	166 + b_4 (min. 1130 mm)		
Overall width gripping arms	b_{1-1}	1430		
Width between legs	b_4	850 - 942, 942 - 1124, 1124 - 1306, 1240 - 1422		
Overall length	l_1	1585	1705	1760
Lowered height	h_{13}	225		
Rotation height		min. 750		
Gangway	A_{st}	2290 - tests show that 1700 mm are enough		2200 - tests show that 1700 mm are enough
Turning angle of the wheels		210°		
Driving motor				1,2 kW 24 V speed control electronically variable
Driving speed with/without load				Below 500mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h
Pump motor		1,1 kW 12 V	1,1 kW 12 V	1,2 kW 24 V
Lifting speed with/without load	Normal/quick: 8/26 mm per pump	0,05 / 0,07 m/s	0,05 / 0,07 m/s	0,07/0,12 m/s
Lowering speed with/without load	Max. 0,05 m/s / Max. 0,07 m/s	0,12 / 0,04 m/s	0,12 / 0,04 m/s	0,12/0,07 m/s
Weight in kg (no battery)	400	430	430	480



We also offer tailor-made solutions.
Please ask for further information or visit our website www.logitrans.com

Reel Lifter – positions reels gently and easily

When different reels, e.g. foil reels, paper reels, or cylinders, are to be placed in packing, printing or production machines, the Reel Lifter is the perfect choice. The space is often limited around or under the machine, and the reels are often placed inside the machine, where the manoeuverability is limited.

The Reel Lifter is compact and very manoeuverable, and it can thus position the reel in the correct place in the machine, without lifting by the operator. The Reel Lifter is the perfect partner to the Reel Rotator, which can take a reel from e.g. a pallet, rotate it and place it onto the Reel Lifter. The Reel Lifter transports the reel to the machine.



Technical Specifications

Effortless and gentle positioning of reels in e.g. a production machine.

The axle, fixing the reel in the production machine, is also used during the transport on the Reel Lifter. Thus, the reel can easily be positioned in the correct place in the machine.

With the flexible locking system, the Reel Lifter forks can easily be set to different reel sizes.

Special flow valve controls the lowering function and ensures a gentle positioning of the reel.

Strong construction and low maintenance costs.



Flexible locking system easily sets the Reel Lifter forks to different reel sizes.



Special flow valve ensures a controlled lowering and a gentle positioning of the reel.



The narrow and short Reel Lifter legs make it possible to take the reel the last steps into the machine.

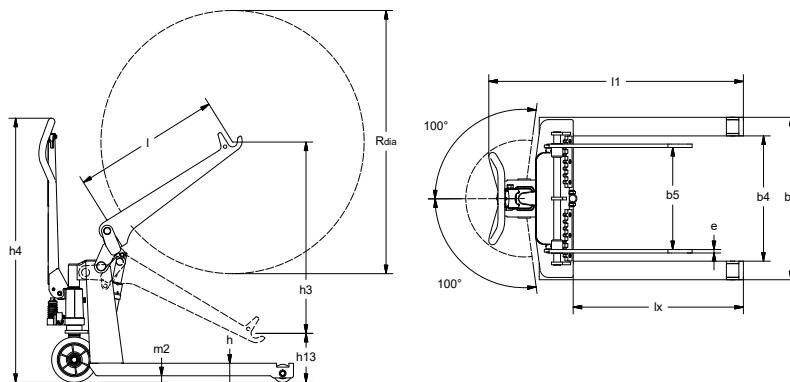
Product (measured in mm)	RL500
Capacity in kg	500
Reel diameter	R_{dia}
Reel width	max. 1270
Lifting height	800
Overall height	1170
Lowered height	250
Lifted height	1050
Leg height	85
Fork span	100-520
Overall width	720
Width between legs	550
Fork width	15
Fork length	650
Run-in length	750
Overall length	1125
Ground clearance	29
Turning angle	200°
Fork wheel	Ø80x60
Steering wheel	Ø200x50
Weight in kg	92



Compact, very manoeuvrable and ensuring the operator ergonomically correct working conditions.



Reel Lifter is a unique partner to Reel Rotator.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Multi drum turner on fully powered Logiflex – flexible drum handling!

High flexibility and efficiency - the Multi drum turner can handle many kinds of drums in the horizontal or vertical position, and of different materials and dimensions: Steel, plastic, small, low, high, square, round drums – no problem!

Rotation and opening/closing of the gripping arms is electric. Propulsion as well as lifting and lowering is electric on the Multi drum turner fitted on the fully powered Logiflex.

The Multi drum turner has a set of flexible, specially designed grippers, which can be adjusted according to drum type/diameter. The grippers can, without tools, easily be adjusted to fit large and small drums.

Focus on safety – the drums are fixed by flexible grippers, locking plate and top lock.



Technical Specifications

Electric propulsion, electric rotation and electric opening/closing of the gripping arms

- Handles steel and plastic drums from Ø300 to Ø600
- Straddle model increases the stability when handling the largest drums



Steel, plastic, small, low, high, square, round drums – no problem!

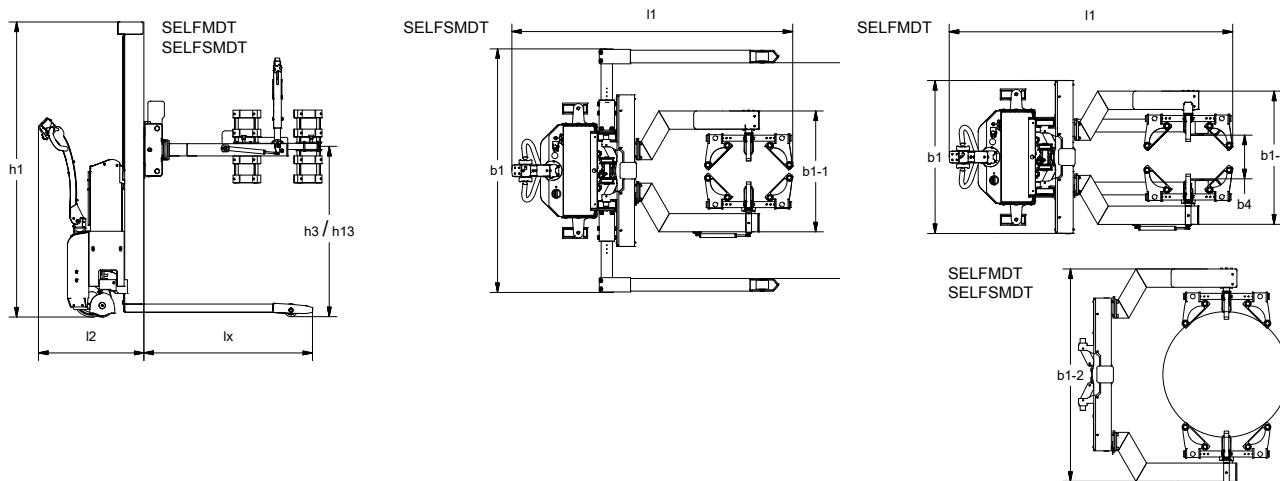


Flexible, specially designed gripping arms can be adjusted to various drum types.



Remote control for rotation, lifting/lowering and clamping.

Product (measured in mm)	SELFMDT	SELFMDT	SELFSMDT	SELFSMDT
Capacity in kg	350	350	350	350
Drum diameter			Ø300 to Ø600	
Lifting height h ₃	1800	2100	1800	2100
Rotation function		360°		360°
Overall height h ₁	1930	2240	1930	2240
Overall width b ₁	1000		166 + b ₄	
Overall width arms min. b ₁₋₁	775		775	
Overall width arms max. b ₁₋₂	1350		1350	
Length without carriage l ₂	605		605	
Overall length l ₁	1830		1830	
Lowered height h ₁₃	400		400	
Width between legs b ₄	316	316	850 - 942, 942 - 1124, 1124 - 1306, 1240-1422	
Run-in length l _x	1100		1100	
Turning angle of the wheels	210°		210°	
Driving motor	1,2 kW 24 V speed control electronically variable			
Driving speed with/without load		Below 500 mm lift: 5/6 km/h, over 500 mm lift: 3/4 km/h		
Pump motor		1,2 kW 24 V		
Lifting speed with/without load		0,07/0,12 m/s		
Lowering speed with/without load		0,12/0,07 m/s		
Weight in kg (no battery)	500	508	540	548



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Volteador de tambores

- facilita a manipulação de tambores

Grande flexibilidade e eficiência – o volteador de tambores permite de manipular tambores de diversos tamanhos e materiais na posição vertical ou horizontal.

O volteador de tambores pode ser rápida e facilmente aplicado em qualquer Logiflex com bastidor ajustável.

Uma vasta gama de acessórios opcionais permite que o mesmo Logiflex seja equipado de acordo com as necessidades com: vários tipos de garfos, espião, braço de grua, plataforma e vários volteadores.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

O volteador de tambores pode trabalhar com tambores standard em aço ou plástico.

Tem uma capacidade de 250 kg e a sua rotação a 360° permite usá-lo para despejar tambores.

O volteador de tambores está disponível em modelos com rotação manual ou eléctrica. O modelo eléctrico dispõe de um controlador electrónico que assegura

- o controlo da velocidade e da aceleração
- uma operação suave
- protecção da reduutora
- uma longa vida útil.

A relação da redução manual é 1:80.

A distância do solo ao volteador com este abaixado é de 260 mm.



Vasta gama de acessórios intercambiáveis como: vários tipos de garfos, espigão para rolos, volteadores e braço de grua.



O volteador manual é aplicável em toda a gama Logiflex, o volteador eléctrico só pode ser aplicado nos modelos eléctricos de Logiflex.



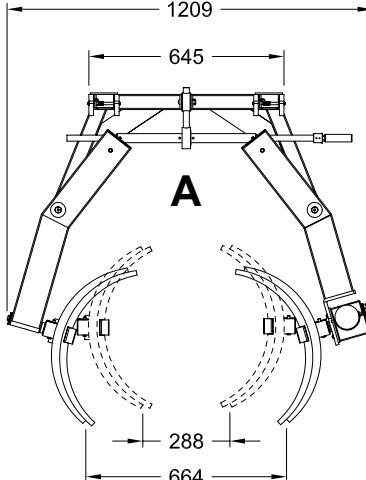
O sistema de mudança rápida permite rápida e facilmente substituir o volteador de tambores por outro acessório.



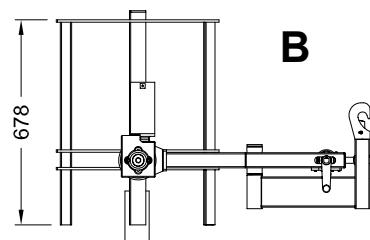
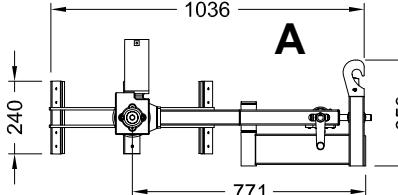
A rotação do volteador no modelo eléctrico é acionada através de um comando remoto.



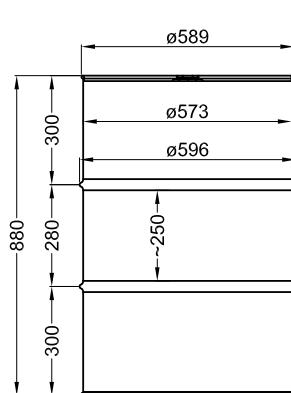
Ao utilizar o volteador de tambores num Logiflex sem estabilizadores laterais o tambor terá de ser depositado sobre uma palete ou outro suporte.



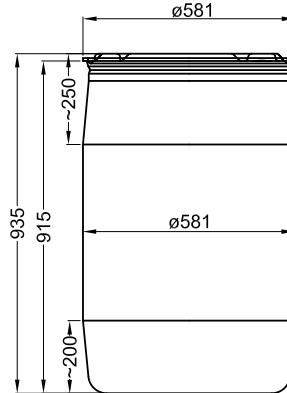
A: Volteador para tambores de aço standard (DS/EN 210).



B: Volteador para tambores de plástico standard para standard (DS/EN 12707).



Tambor de aço standard (DS/EN210).



Tambor de plástico standard (DS/EN12707).

Para mais informação consulte-nos ou visite o nosso website www.logitrans.com

Braço de Grua - levantar e transportar com um gancho

Flexibilidade e Eficiência – com o braço de gruatura-
se fácil levantar e transportar objectos pesados,
como: ferramentas, moldes para plásticos ou peças
de grandes dimensões.

O braço de grua com sistema de troca rápido pode
ser rapidamente e facilmente aplicado em qualquer
modelo de Logiflex equipado com bastidor ajustável.
Para além disso pode também ser facilmente
substituído por uma das várias opções acessórios
Logitrans.

Uma vasta gama de acessórios opcionais permite
que o mesmo Logiflex seja equipado de acordo com
as necessidades com: espigão para rolos, braço de
grua, plataforma, volteador de bidões, volteador de
bobinas e outras possibilidades resultando assim
num equipamento extremamente versátil.

Alta qualidade assegurada por um extenso
programa de testes efectuado em colaboração
com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

O Braço de grua Logiflex é concebido para manipular ferramentas, moldes para plásticos e peças de maquinaria de grandes dimensões.

O Braço de grua é equipado com uma corrente e um gancho. O Braço de Grua possui na extremidade uma corrente de comprimento facilmente ajustável sem o uso de ferramentas; e um gancho.

O Braço de grua tem um sistema de troca rápido e pode ser rapidamente e facilmente aplicado em qualquer Logiflex com bastidor ajustável. A corrente é ajustável - pode ser ajustado rapidamente e facilmente sem uso de ferramenta.

Capacidade máxima 500 kg.

Utilização na manipulação de peças de grandes dimensões numa industria de fabrico de componentes para comboios.



Utilização numa industria de fabrico de componentes.



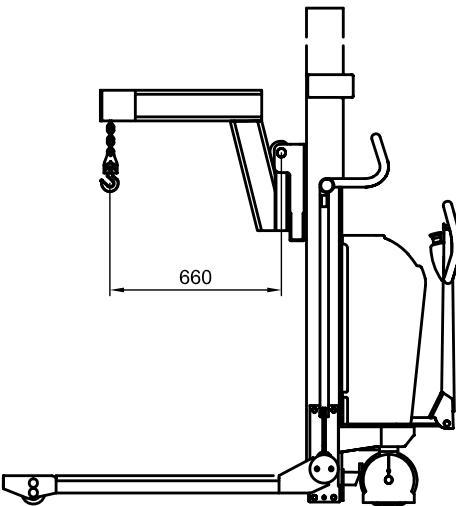
Montagem rápida e fácil, facilitando o uso do mesmo LOGIFLEX com outros acessórios ou garfos.



Comando remoto em opção para subida / descida nos modelos eléctricos. (equipamento opcional).



Vasta gama de acessórios intercambiáveis como: vários tipos de garfos, espíago para rolos, plataforma, volteadores, e outros.



Utilização na manipulação de peças de grandes dimensões.



Corrente facilmente ajustável.



Pode ser aplicado em qualquer modelo da gama Logiflex que tenha bastidor ajustável.



Utilização na industria para movimentar rolos de material.

Também oferecemos soluções feitas por medida.

*Consulte-nos para mais detalhes ou visite a nossa página Web
www.logitrans.com*

Plataforma - para transportar diversos tipos de cargas

Grande flexibilidade e eficiência - a plataforma facilita o elevar e transportar de cargas diversas como por exemplo produtos sobre rodas ou a granel. A plataforma também se pode usar para manipular paletes.

A plataforma pode ser fácil e rapidamente montada em qualquer modelo de Logiflex com bastidor ajustável. Para além disso, a plataforma pode ser facilmente substituída por vários tipos de garfos ou por outras opções acessórios Logitrans.

Uma vasta gama de acessórios opcionais permite uma utilização óptima do Logiflex – o mesmo Logiflex pode ser equipado de acordo com as necessidades com espião, braço de grua, plataforma e vários volteadores.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

A plataforma também é ideal para elevar e transportar material não paletizado, como por exemplo

- Material a granel
- Máquinas de lavar de alta pressão
- Aspiradores

Dados sobre a plataforma:

- Capacidade Máxima 1000 kg, com a carga distribuída uniformemente
- Largura 1092 mm
- Comprimento 990 mm ou 1220 mm

A plataforma tem um sistema de engate rápido para montagem rápida e fácil em todos os LOGIFLEX com bastidor ajustável.

Uma construção robusta assegura uma longa vida útil com reduzidos custos de manutenção.



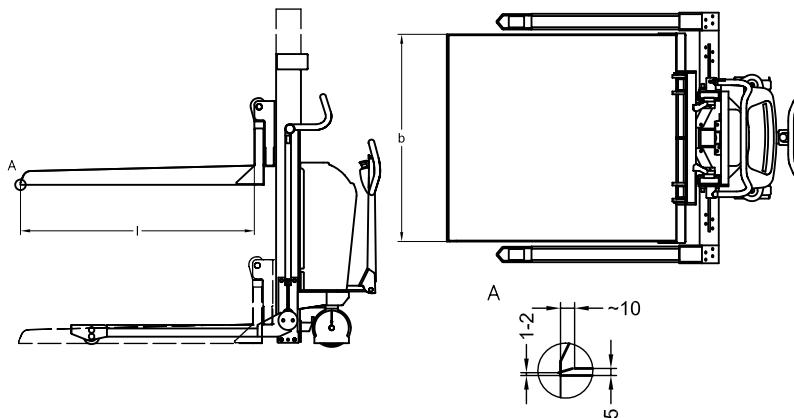
Sistema de engate rápido para fácil troca de acessório aplicado na máquina.



Logiflex com plataforma aqui usado para elevar e transportar aspirador.



Vasta gama de acessórios intercambiáveis como: vários tipos de garfos, espigão para rolos, plataforma, volteadores, e outros.



Logiflex com plataforma aqui usado para elevar e transportar máquina de lavar de alta pressão.

MODELO (medidas em mm)	Plataforma Logitrans
Compatível com Logiflex	LFS, ELFS, SELFS
Capacidade	Capacidade Max. 1000 kg (com a cargatribuída uniformemente)
Largura da Plataforma	b 1092
Comprimento da Plataforma	l 990, 1220



Construção da plataforma com chanfro no topo para facilitar a carga e descarga de materiais.



Controlo Remoto disponível como opcional.



Logiflex com plataforma a transportar uma máquina com rodas.



Os produtos LOGITRANS podem ser fornecidos com qualquer cor de código (RAL).

Também oferecemos soluções feitas por medida.

**Para mais informação consulte-nos ou visite o nosso website
www.logitans.com**

Espigão para rolos - na movimentação de rolos

Flexibilidade e Eficiência – com o espigão para rolos torna-se fácil levantar e transportar rolos em posição horizontal.

O espigão para rolos com sistema de troca rápido pode ser rápida e facilmente aplicado em qualquer modelo de Logiflex equipado com bastidor ajustável. Para além disso pode também ser facilmente substituído por uma das várias opções garfos ou outros acessórios Logitrans.

Uma vasta gama de opções garante uma utilização optimizada do Logiflex – o mesmo Logiflex pode ser equipado com braço de grua, plataforma, volteador de bidões, espigão para rolos e fixador de rolos.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

O espigão é concebido para movimentar rolos horizontais.

O Espigão para Rolos com sistema de troca rápida pode ser rápida e facilmente aplicado em qualquer Logiflex com bastidor ajustável.

A capacidade depende do peso e comprimento do Rolo. O peso tem de ser repartido igualmente no comprimento completo do espigão.

O centro de gravidade do rolo deve ser colocado ao interior do centro das rodas dos estabilizadores e centrado nestes (precaução de segurança).

Uma construção robusta assegura uma longa vida útil com reduzidos custos de manutenção.



Montagem rápida e fácil, facilitando o uso do mesmo Logiflex com outros acessórios ou garfos.

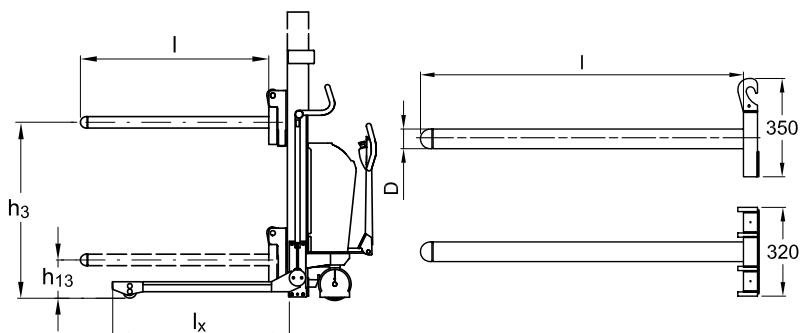


Comando remoto em opção para subida / descida nos modelos eléctricos. (equipamento opcional)



No uso dum Logiflex sem bastidor ajustável, o rolo a manipular deve ser situado numa paleta.

MODELO (medidas em mm)	LF MINI, ELF, SELF MINI, SELF MAXI	LFS MINI, ELFS, SELFS MINI, SELFS MAXI	LF MINI, ELF, SELF MINI, SELF MAXI	LFS MINI, ELFS, SELFS MINI, SELFS MAXI
Comprimento dos estabilizadores l_x	806	818	1106	1068
Altura máx (ao centro do espigão) h_3		$h_{13} +$ altura de elevação do modelo considerado		
Altura min (ao centro do espigão) h_{13}			170 (sem carga)	
Comprimento do espigão l		800		1150
Diâmetro do espigão D	40	50	70	40
Capacidade (kg)	330	650	1000	230
			430	800



Fixador de rolos c/ rotação – a alternativa ideal quando é necessário elevar e rodar rolos.



Um Logiflex com bastidor ajustável trata rolos dum camião.



Logiflex com espigão na indústria de embalagem.



Vasta gama de acessórios intercambiáveis.



Logiflex com espigão numa zona de armazém.

Também oferecemos soluções feitas por medida.

Para mais informação consulte-nos ou visite o nosso website
www.logitran.com

Garfos para Cilindros - movimentação de cilindros horizontais

Flexibilidade e eficiência - com os garfos para cilindros torna-se fácil transportar cilindros e bobinas horizontais. Para além disso, os garfos podem também ser facilmente substituídos por uma das várias opções acessórios Logitrans.

Uma vasta gama de acessórios opcionais permite que o mesmo Logiflex seja equipado de acordo com as necessidades com: vários tipos de garfos, espião para rolos, braço de grua, plataforma, volteador de bidons, volteador de bobines e outras possibilidades resultando assim num equipamento extremamente versátil.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

Um Logiflex com Garfos para Cilindros é o equipamento ideal para levantar e movimentar cilindros horizontais.

Factos dos garfos apra cilindros

- com bastidor de 810 mm de largura: diâmetros mínimo de 100 mm e máximode 1000 mm.
- com bastidor de 690 mm de largura: diâmetros minimo de 100 mm e máximode 750 mm.

Os garfos para cilindros podem ser usado com vários tipos de bidons, bobines e outras formas cilíndricas.

Uma construção robusta assegura uma longa vida útil com reduzidos custos de manutenção.



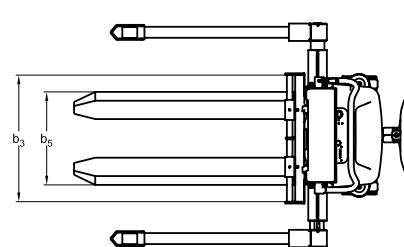
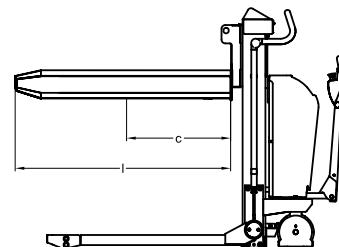
Ao utilizar num Logiflex sem estabilizadores laterais o cilindro tem de ser colocado sobre uma palete ou suporte apropriado.



Comando remoto em opção para subida / descida nos modelos eléctricos. (equipamento opcional)



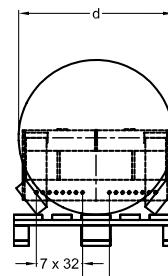
Vasta gama de acessórios intercambiáveis como: vários tipos de garfos, espíago para rolos, plataforma, volteadores, e outros.



Volteador de Bidons - a ferramenta ideal quando é necessário elevar, transportar e virar bidons.

Com um bastidor de 690 mm, /medidas para largura dos garfos são possíveis (b₅).

Com um bastidor de 810 mm,9 medidas para largura dos garfos são possíveis (b₅).



Product (medidas em mm)	LF, LFS, ELF, ELFS, SELF, SELFS
Capacidade	max. 250 kg
Comprimento dos Garfos	l 600, 800, 1150
Largura do Bastidor	b ₃ 690, 810
Diâmetro máximo do cilindro	d 750 mm com bastidor de 690 mm e 1000 mm com bastidor de 810 mm
Centro de Gravidade	c I/2



Utilização na industria com bobines de material para embalagem.



Utilizado para movimentar bobines de grandes dimensões.



Os garfos para cilindros são fornecidos com um bastidor particular.



Utilizado na industria de tintas para movimentar bidons metálicos.

Também oferecemos soluções feitas por medida.

*Consulte-nos para mais detalhes ou visite a nossa página Web
www.logitran.com*

**Garfos envolventes,
Garfos tubulares e Garfos em barra**

Grande flexibilidade e eficiência - os diferentes tipos de garfos Logitrans podem facilmente levantar e transportar diferentes paletes.

Os garfos podem ser rápida e facilmente aplicados em qualquer Logiflex com bastidor ajustável.

Uma vasta gama de acessórios opcionais permite aproveitar o Logiflex ao máximo – o mesmo Logiflex pode ser equipado com produtos de mudança rápida da Logitrans, como lança, braço de grua, plataforma, espião para rolos, volteador para rolos e volteador de tambores.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

Garfos envolventes: garfos leves para o manuseamento de paletes normais.

Garfos em barra: garfos estreitos para larguras mais estreitas do que as de uma Euro paleta.

Garfos cinzelados: garfos finos para quando as cargas são transportadas a baixa altura.



Os garfos podem ser aplicados em qualquer Logiflex com bastidor ajustável e estabilizadores normais ou laterais.

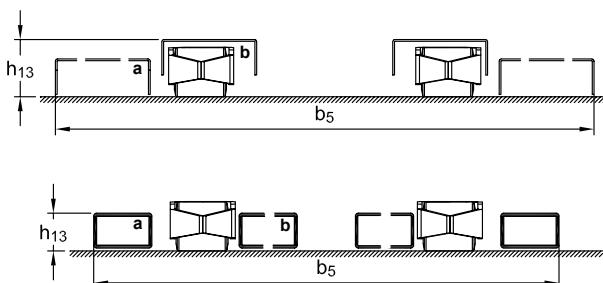


Gracias ao sistema de mudança rápida, a troca dos garfos por acessórios opcionais é rápida e fácil.



Opções de mudança rápida: braço de grua, lança, plataforma, espigão para rolos, volteador para rolos e volteador de tambores.

Bastidor de garfos ajustavel para stackers Logiflex sem chassis straddle



Bastidor de garfos ajustavel para stackers Logiflex com chassis straddle



MODELO (medidas emmm)	Bastidor: 440 mm*			Bastidor: 690 mm**		
	Envolventes	Tubulares	Barra	Envolventes	Tubulares	Barra
Tipo de garfo						
Diâmetro da Roda		Ø85			Ø85	
Abertura dos garfos	b ₅	350-560	230-430	230-430	350-800	230-680
Aberturas dos garfos - a	b ₅					
Aberturas dos garfos - b	b ₅	560	230-300	230-300	560	230-300
Altura Mínima dos garfos - chassis straddle	h ₁₃	85	85	60	65	65
Altura Mínima dos garfos - a	h ₁₃					40
Altura Mínima dos garfos - b	h ₁₃	85	85	60	90	65
Secção dos garfos		163x61	100x60	100x35	163x61	100x60
						100x35

MODELO (medidas emmm)	Bastidor: 810 mm***			Bastidor: 946 mm		
	Envolventes	Tubulares	Barra	Envolventes	Tubulares	Barra
Tipo de garfo						
Diâmetro da Roda		Ø85			Ø85	
Abertura dos garfos	b ₅	350-920	230-800	230-800	530-1050	420-930
Aberturas dos garfos - a	b ₅	876-920	750-800	750-800	876-1050	750-930
Aberturas dos garfos - b	b ₅	560	230-300	230-300	560	
Altura Mínima dos garfos - chassis straddle	h ₁₃	65	65	40	65	65
Altura Mínima dos garfos - a	h ₁₃	65	65	40	65	65
Altura Mínima dos garfos - b	h ₁₃	90	65	40		40
Secção dos garfos		163x61	100x60	100x35	163x61	100x60
						100x35

* Bastidor standard para LF MINI e ELF, com capacidade para 1000 kg e altura de elevação de 920 a 1650 mm.

** Bastidor standard para stackers straddle Logiflex com garfos envolventes.

*** Bastidor standard para stackers straddle Logiflex com garfos cinzelados.

Bastidor standard para stackers Logiflex sem chassis straddle (mas com bastidor para garfos de 440 mm para LF MINI e ELF, com capacidade para 1000 kg e altura de elevação de 920 a 1650 mm).

Também oferecemos soluções feitas por medida.

Para mais informação consulte-nos ou visite o nosso website
www.logitrans.com

Highlifter porta paletes tesoura - qualidade com posição de trabalho correcta

O highlifter pode transportar e levantar uma palete, mesmo trabalhando em altura numa condição perfeita e ergonómica. É harmonioso a envolvência entre a paleta e a mercadoria. O Highlifter tem um desenho elegante com cantos arredondados.

O desenho ergonómico previne lesões e evita esforços ao operador. O centro da atenção é na segurança e nas condições ergonómicas de trabalho do operador. Um exemplo: A forma ergonómicamente correcta da timão assegura um manejo cómodo do operador.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

Cargas de 1500 kg pode ser transportado e levantadas a 470 mm com a Highlifter. De 470 mm a de carga é de 1000 kg.

Boa facilidade de uso :

- Baixo peso
- Localização central, de todos os botões controlo
- Manuseamento ergonomico

Longa duração e baixo custo de manutenção, graças a :

- Cilindro de construção segura e fiável
- Construção resistente
- Uso de materiais de qualidade

Grande Estabilidade:

- Baixa altura total de construção
- Comprimento dos garfos de 1200 mm
- Pés estabilizadores na traseira
- Rodas duplas; bogie; na frente



HL 1006 - Reduzido esforço para a bomba de elevação funcionar. Proteção para os pés e posição neutra.



Rodas em bogie com travão de segurança e extremamente suaves ao deslocar-se.



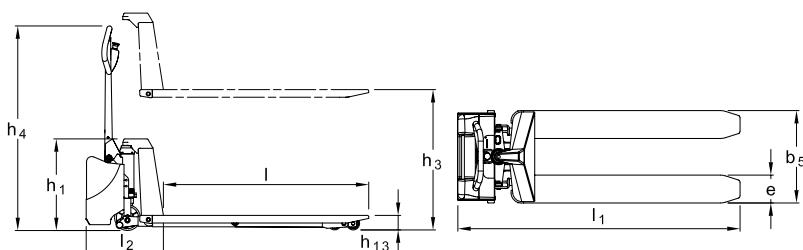
Timão ergonómico para uma utilização confortável.



Opção de controlo de nível para uma altura de trabalho constante.

MODELO (medidaem mm)	HL 1006				EHL 1004			
	1500*	1000	1500*	1000	1500*	1000	1500*	1000
Capacidade em kg.								
Altura de elevação	h_3	500	600	800	800	500	600	800
Comprimento dos Garfos	l	700	900	1200	1520	2000	700	900
Altura do chassis	h_1							
Largura do chassis	b_5	480, 540, 680		540, 680		480, 540, 680		540, 680
Comprimento sem garfos	l_2		356				451	
Comprimento total	l_1	1056	1256	1556	1876	2356	1151	1351
Altura total	h_4			1225				1195
Altura mínima dos Garfos	h_{13}		85		90		85	
Largura do garfo	e			163				163
Ângulo de manobra das rodas direcionais			230°				180°	
Largura do corredor de trabalho	A_{st}		1830 (palete: 1200 x 800)				1890 (palete: 1200 x 800)	
Velocidade de elevação/com/sem carga							0,05/0,08 m/s	
Elevação normal/rápida		10/35 mm por curso da bomba						
Velocidade de Descida			Sem carga 0,093 m/s				Com/Sem carga: 0,07/0,05 m/s	
Grupo Moto-bomba							0,9 kW 12 V	
Peso com garfos de 1200 mm (sem bateria)			97 kg				104 kg	

* A capacidade reduz-se de 1500 a 1000 kg a partir dos 470 mm de altura de elevação.



Equipamento opcional: Controlo remoto, controlo de nível, travão, carregador separado ou integrado.



Pode ser personalizado com o nome do operador/departamento.



Disponível para manual, eléctrico, Inox e anti deflagrante.



Reducida altura total graças à construção de cilindro (patenteada).

Também oferecemos soluções feitas por medida.
Consulte-nos para mais detalhes ou visite a nossa página Web
www.logitrans.com

Controlo de Nível

**– mantém automaticamente
a altura de trabalho**

Uma altura de trabalho correcta e confortável -
Com o controlo de nível a altura de trabalho é
automaticamente mantida a uma altura de trabalho
ergonómicamente correcta.

O operador evita esforços e lesões pela postura de
trabalho ergonómicamente correcta.

Como consequência das melhores condições de
trabalho resultará um aumento da produtividade.

Alta qualidade assegurada por um extenso pro-
grama de testes efectuado em colaboração com
especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

A altura de trabalho mantém-se automaticamente – Os garfos descem ao carregar material ou sobem ao descarregar mantendo uma altura de trabalho ideal.

Segurança para o utilizador :

- Luz avisadora quando os garfos se movimentam
- Paragem imediata dos movimentos de subida ou descida por um botão de paragem de emergência
- Travão ao fim do curso inferior assegura um espaço livre

Vantagens adicionais :

- Foto célula ajustável conforme as posições dos artigos
- Ajustável alcance de detecção: A partir de 200 até 1200 mm
- Travão de fim de curso superior protege o motor de sobrecargas
- Botões revestidos com película protetora.



Altura da foto célula ajustável. Em porta paletes tesoura: entre 490 e 970 mm; em stackers: entre 550 e 920 mm.



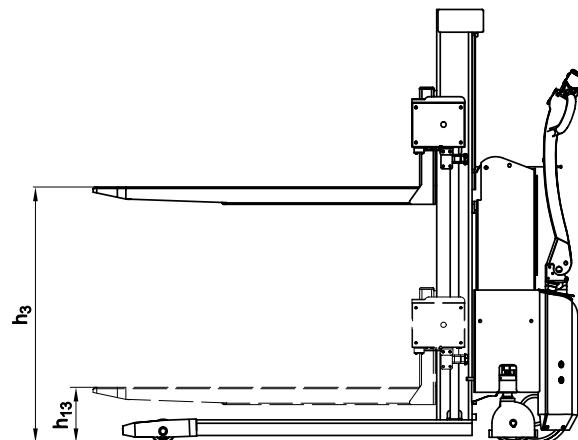
O controlo de nível pode ser instalado do lado direito ou esquerdo; é fácil a alteração da posição de montagem.



O sensor eléctrico faz descer os garfos ao carregar material ou subir ao descarregar.



A máquina também pode funcionar normalmente sem controlo de nível.



Esquema de controlo de nível instalado num stacker Logiflex de propulsão eléctrica. Também pode ser instalado nos porta paletes tesoura Highlifter, e na gama de stackers Logiflex com ou sem propulsão eléctrica (sem mastro telescópico).

MODELO (medida em mm)	Highlifter	Logiflex
Altura de elevação máxima com controlo de nível h_3	800	900
Altura de elevação mínima com controlo de nível h_{13}	200	200



Pode ser instalado nos stackers e porta-paletes de tesoura elétricos (incluindo a gama em inox) .



Para protecção contra possíveis acidentes.



O utilizador pode instruir o controlo para subir ou descer.



Caixa de controlo do tempo de reacção afinável de 1 a 25 segundos.

*Também oferecemos soluções feitas por medida.
Para mais informação consulte-nos
ou visite o nosso website www.logitrans.com*

Control everything from the side line

Maximum flexibility and freedom of action are the keywords, when controlling the lifting, lowering and tilting functions by a remote control. Remote controls are available for all electric trucks as an optional extra - both wireless and with cable.

All functions can in this way be controlled from the side line, and the user does not have to be placed behind the handle. This gives the user full freedom of action and opportunities for utilizing the high flexibility of the trucks.

A wide range of optional extras ensures an optimum utilisation of the Logitrans trucks. For example - reel spindle, boom, crane arm and drum turner can be fitted on the same Logiflex which can then be used for several special application jobs.



Technical Specifications

Logitrans offers different remote controls
- wireless and with cable.

All remote controls are handy and user-friendly!

Wireless remote control

- Two models - RCW 1 and RCW 2
- Ignition degree IP67
- Operation area 3-5 meters

Remote control with spiral cable

- Length of spiral cable: c. 250 cm
- Can easily be placed on the truck with magnet or hook (RF-SEMI)



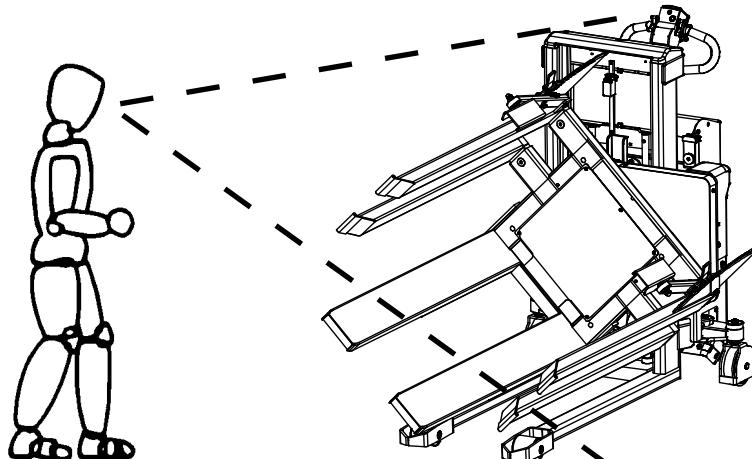
Sender for wireless remote control, RCW 1, for remote control in two directions.



Sender for wireless remote control, RCW 2, for remote control in four directions.



Cable remote control, RCC, for remote control in two directions.

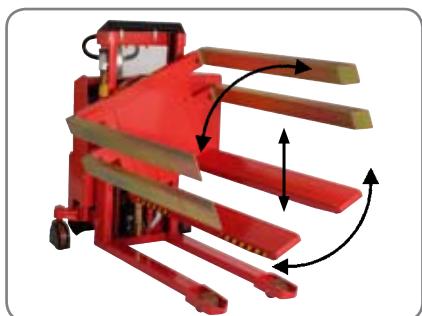


Remote control is only allowed with full view of the product!



On the Rotator the rotation is controlled by cable remote control (standard). Wireless remote control is optional extra.

Type	RCW 1 (wireless)	RCW 2 (wireless)	RCC (spiral cable)
The following functions can be controlled by the remote control	Lifting/lowering or rotation (right/left) or tilting (forwards/backwards)	Lifting/lowering and rotation (right/left) or lifting/lowering and tilting (forwards/backwards)	Lifting/lowering or rotation (right/left) or tilting (forwards/backwards)



The remote control gives optimum flexibility and freedom of action for the user.



The cable remote control can easily be placed on the truck.



Optional extra, e.g. platform and crane arm is also available.



Receiver for wireless remote control. To be placed on truck.

We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Logitilt

- when lifting and/or tilting

The Logitilt is an efficient and ergonomic solution, when transporting, lifting and/or tilting boxes and crates.

The design focuses on the safety and ergonomic working conditions of the user. The ergonomic correct handle ensures the user a relaxed hold. The Logitilt can tilt boxes and crates up to 90°. The user does not have to bend down or stretch up to reach the components in the bottom of the crate or box - this applies both to standing and sitting work positions.

The tilting degree can be set, so that the Logitilt automatically stops in the same angle each time.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

The Logilift can carry, lift and tilt crates and boxes up to 90°, and the working height can be varied.

The ergonomic handle can be turned to the side and locked, so that the user has free access to the contents of the crate or box.

The Logitilt can be set to stop automatically in the same angle each time.

Optimum safety for the user through

- foot protectors
- parking brake
- safety valve
- emergency stop

Strong construction ensures a long operating life and low maintenance costs.



The handle can be turned to the side, so that the user has free access to the contents of the crate or box.



The Logitilt being used in the component industry.



The straddle Logitilt can handle many different pallet types, also closed pallets.

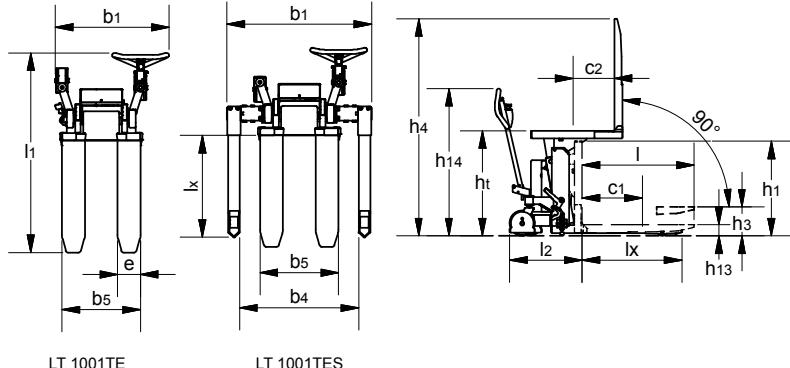


Remote control for the tilt function.



Perfect working position when emptying boxes and crates - sitting as well as standing.

Product (measured in mm)	LT 1001TE	LT 1001TES
Capacity in kg		1000
Height, tilted	h_t	750-950
Lifting height	h_3	275
Fork length	l	800/1150
Overall height with handle	h_{14}	1055
Overall height	h_1	680
Overall width	b_1	780 166 + b_4
Fork span	b_5	560
Fork width	e	163
Overall length by 800 mm forks	l_1	1425
Length without forks	l_2	590
Run-in length	l_x	712 735
Overall height	h_4	$h_t + l$
Lowered height	h_{13}	85
Load centre	c_1	max. $l/2$
Load centre	c_2	min. 200 - max. 420
Width between legs	b_4	850-942, 942-1124, 1124-1306
Pump motor		0,8 kW 12V
Lifting speed lift/tilt		4 s/14 s
Lowering speed lift/tilt		3 s/11 s
Weight by 800 mm forks (without battery)	177 kg	251 kg



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Fully powered Panther pallet truck - easy and smooth movement

High flexibility and efficiency - Panther Mini and Panther Maxi move many different pallets in very confined areas both easily and quietly.

No damage to surroundings, pallets and goods
- Panther Mini and Panther Maxi have an elegant design with rounded corners.

The design puts focus on the safety and ergonomic working conditions of the user. As an example, the ergonomically correct handle ensures the user a relaxed hold.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

The trucks are available in two models

- Mini - capacity of 1400 kg - recommended for light pallet transport
- Maxi - capacity of 1800 kg - recommended for heavy pallet transport

Optimum space utilisation

- length behind the forks of 450 mm
- tight turning angle of 210°
- narrower than the width of a EUR pallet - it can operate in aisles as narrow as a pallet width

Further advantages

- AC-technology
- Easy service and setting of e.g. driving speed, acceleration and deceleration
- Long operation time per charge
- Motor brake - optimum safety
- No brushes in the wheel motor - reduced maintenance



Panther Mini (capacity 1400 kg) is recommended for easy pallet transport, e.g. in super markets and in stock areas.



Panther Maxi (capacity 1800 kg) is recommended for heavy pallet transport, e.g. in the transport industry.



Possible to operate with handle upright. Central location of all control buttons.



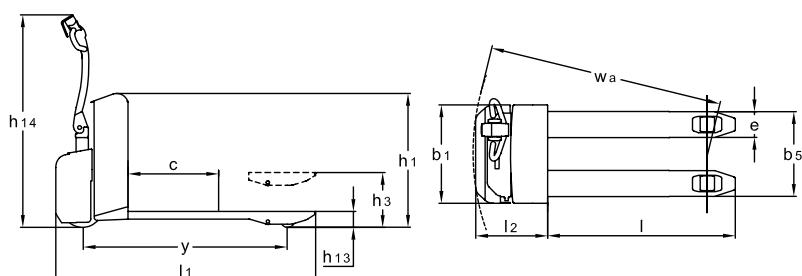
Strong construction ensures a long operating life and low maintenance costs.



Easy access to all components makes service of the truck straightforward.

Product (measured in mm)	Panther Mini	Panther Maxi
Capacity	1400 kg	1800 kg
Lifting height	h_3	200
Fork length	l	810, 915, 970, 1066, 1140, 1220, 1520
Overall height	h_1	647
Overall width $b_5=520/b_5=680$	b_1	600/680
Fork span	b_5	520, 680
Fork width	e	158
Length without forks	l_2	450
Overall length	l_1	450 + l
Overall height	h_{14}	1296
Lowered height	h_{13}	85
Load centre	c	$l/2$
Wheel base ($l=1140$)	y	1256
Gangway	A_{st}	1890* (pallet: 1200 x 800)
Turning angle of the wheels		210°
Turning radius Wa ($l=1140$)		1410
Driving motor - speed control electronically variable	24 V 0,7 kW	24 V 1,2 kW
Driving speed with/without load	5,2/5,5 km/h	5/6 km/h
Pump motor	24V 1,2 kW	24V 1,2 kW
Lifting speed with/without load	35/50 mm/s	35/50 mm/s
Lowering speed with/without load	115/40 mm/s	115/40 mm/s
Gradient performance	10%	10%
Weight in kg with 1140 mm forks (without battery)	203	205

* Tests show that 1610 mm are enough.



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Panther

- easy pallet transport

Optimum working conditions for the user - ergonomically correct handle and special wheels ensure a minimum starting power and correct handling of even very heavy pallets - both when pulling and pushing the truck.

No damage to surroundings, pallets and goods - Panther has an elegant design with rounded corners.

The design prevents industrial injuries and strain on the user - focus is put on safety and ergonomic working conditions of the user. The ergonomically correct shape of the handle ensures a relaxed hold for the user.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Panther is a strong and reliable pallet truck, ensuring easy handling of many different pallets.

Optimum manoeuvrability and space utilisation through

- very short length behind the forks
- low truck weight and tight turning angle

Long operating life and low maintenance costs through

- strong construction
- tests with up to 46,000 lifts

Silent transport through

- minimum friction of all movable parts
- close tolerances

Stainless and explosion proof pallet trucks are also available.



Ergonomic handle ensures the user a relaxed hold. Can be marked with name/department.



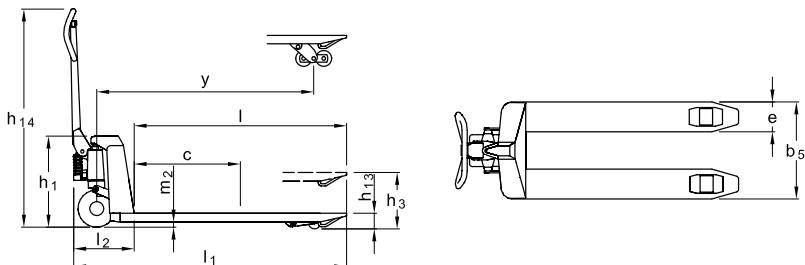
The hoop skates on the forks ensure an easy fork insertion and withdrawal in/out of pallets.



The company name or logo can be cut out in the triangle of the Panther.

Product (measured in mm)	1672	1682	2572	2582	3072	3082
Capacity in kg	1600		2500		3000	
Lifting height h_3			$h_{13} + 120$			
Fork length l	600, 810, 970, 1140		600, 810, 915, 970, 1066, 1140, 1220, 1520, 1800, 2000, 2400*		600, 810, 915, 970, 1140, 1220, 1520	
Overall height h_1			$h_{13} + 412$			
Fork span b_5	450		520, 680		520, 680	
Length without forks l_2			335			
Overall length l_1			$l + 335$			
Fork width e	125			160		
Wheelbase y			$l + 25$			
Overall height h_{14}			1170			
Lowered height - adjustable h_{13}	75 to 83	85 to 93	75 to 83	85 to 93	75 to 83	85 to 93
Load centre c			$l / 2$			
Ground clearance m_2			$h_{13} - 47$			
Turning angle of the wheels			220°			
Fork wheels - single	Ø75 x 68	Ø85 x 68	Ø75 x 90	Ø85 x 90		
Fork wheels - tandem			Ø75 x 68	Ø85 x 68	Ø75 x 68	Ø85 x 68
Steering wheel			Ø200 x 50			
Weight	59 kg (450 x 1140)		62 kg (520 x 1140)		68 kg (520 x 1140)	

* Reduced capacity 1500 kg



Adjustable fork height - no problems when handling low and worn pallets.



An easy handling of goods is ensured even in very confined spaces.



Permanent quick lift.



Different wheel types, to suit the needs of the user.



Panther is available with different fork lengths.

We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Porta-Paletes de condução sem ruído, está preparado para as adversidades no exterior...

As rodas especiais do Panther Silent permitem a sua utilização no exterior - sem problemas.

Resíduos metálicos ou pequenas pedras não se agarram às rodas e não provocam o seu bloqueio.

Em simultâneo, as rodas especiais conferem uma condução sem ruído. Este porta-portaletes é adequado a lojas e supermercados, assegurando um ambiente tranquilo aos clientes, enquanto os funcionários transportam as cargas! O transporte sem ruído é também vantajoso em zonas habitacionais.

As rodas são delicadas em soalho e moisacos envidrados, que são frequentemente usados em áreas de clientes. Panther Silent reduz os custos de manutenção do chão, devido ao desgaste e danos do chão ser reduzido ao mínimo. Panther Silent é um porta paletes amigo do ambiente e com uma longa vida de operação!



Panther
Silent



Especificações técnicas

Este porta-paletes assegura uma condução suave e sem ruído no transporte de diversas paletes - até no exterior!

- Boa manobrabilidade - interior e exterior
- resíduos metálicos, pequenas pedras, neve, etc. não se agarram às rodas
- comprimento curto atrás dos garfos
- peso reduzido e ângulo de viragem curto
- utilização adequada a áreas confinadas

Resultados testados abaixo dos 60 dBA

- rodas de borracha macia especial (rodas da direcção e dos garfos)
- fricção mínima das peças móveis
- optima tolerância

Uma longa vida útil e baixos custos de manutenção

- construção robusta
- testes feitos com 46,000 elevações



Panther Silent num supermercado, onde o conforto e o bem estar do cliente são vitais.



Panther Silent é igualmente utilizado no exterior. Detritos metálicos, pequenas pedras e neve não se agarram às rodas.



A borracha especial das rodas é macia, indicada para pisos em cerâmica.



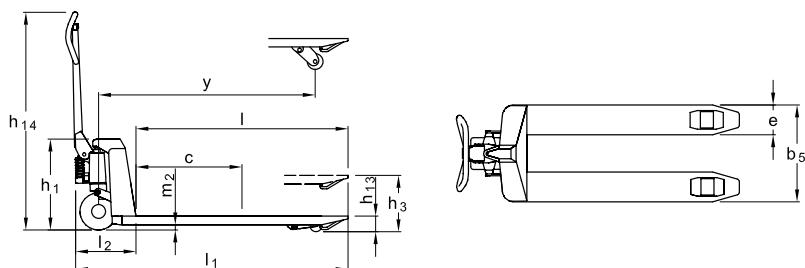
Os patins na extremidade do garfo facilitam a entrada e saída das paletes.



O nome da empresa, logo ou outro texto pode ser inserido no chassis do Panther Silent. Opção de pintura noutra cor.

Produto (medidas em mm)	PS2082
Capacidade em kg	2000
Altura de elevação	h_3 $h_{13} + 120$
Comprimento dos garfos	l 600, 810, 915, 970, 1066, 1140, 1220, 1520, 1800, 2000, 2400*
Altura total	h_1 $h_{13} + 412$
Largura dos garfos	b_5 520, 680
Comprimentos sem garfos	l_2 335
Comprimento total	l_1 $l + 335$
Largura do garfo	e 160
Base	y $l + 25$
Altura total	h_{14} 1170
Altura recolhido - ajustável	h_{13} 85 til 93
Centro de carga	c $l/2$
Distância ao solo	m_2 $h_{13} - 47$
Raio de viragem das rodas	220°
Rodas dos garfos - duplas	Ø85 x 88
Roda direcção	Ø200 x 50
Peso	62 kg (520 x 1140)

* Capacidade reduzida a 1500 kg



Timão ergonómico assegura uma utilização relaxada.



Com rodas duplas nos garfos é mais fácil mudar de direcção.



Panther Silent tem elevação rápida permanente.

Também oferecemos soluções à medida.

Para mais informações consulte-nos ou visite o website www.logitrans.com

Time-savings with weighing scale pallet truck

The weighing scale pallet truck, WSP 2200, can transport and weigh goods in the same work process. No need for spending time for extra transport and loading! With the very high accuracy, it is perfectly suited for weighing goods in storage areas, for inspection of incoming goods and goods to be shipped etc.

The weighing system has four strong weighing cells, and a solid and very well protected display. The display has logic and simple settings, and is very user-friendly. It is centrally located, and reading can be done quickly and simply.

The construction of the pallet truck is strong and solid. It is very easy to operate and maintain.



Technical Specifications

WSP 2200 has a user-friendly display, protected in a steel housing.

Facts about WSP 2200

- Can transport/weigh up to 2,200 kg
- Four strong weighing cells, IP68
- Weighing cell accuracy 99,95%
- Graduation: 1,0 kg
- Backlight display with clear figures (30 mm)
- Tare function (gross and net weight)
- Counting and zero setting
- Summation of several weighings
- Up to 250 operational hours per charge
- Battery indicator
- Lowering function controlled by lowering valve
- High-pressure relief valve prevents overload
- Lubricating nipples in the most important movable parts



WSP 2200 transports and weighs goods in the same work process.



Sound or light indication, when reaching requested weight.



WSP 2200 has tare, counting and zero setting.

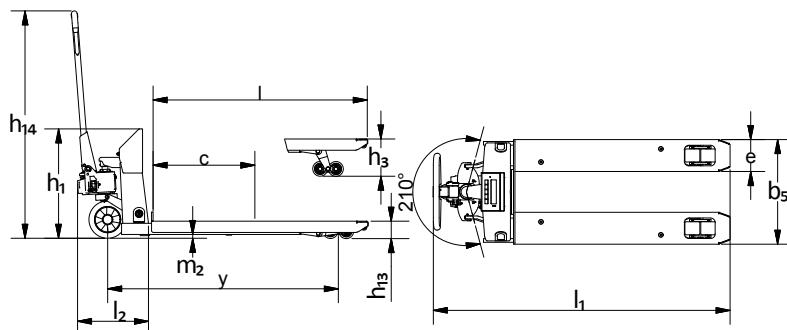


The turning angle of WSP 2200 is 210°, ensuring easy operations in confined areas.



Reliable leak-proof hydraulic system.

Product (measured in mm)	WSP 2200
Capacity in kg	2200
Lifting height h_3	200
Fork length l	1150
Overall height h_1	590
Fork span b_5	560
Length without forks l_2	415
Overall length l_1	1570
Fork width e	171
Wheelbase y	1200
Overall height h_{14}	1220
Lowered height h_{13}	92
Load centre	$l/2$
Ground clearance m_2	12
Turning angle of the wheels	210°
Fork wheels	Tandem polyurethane
Steering wheel	Ø200 rubber
Weight	99 kg



Accurate weighing results with four built-in weighing cells.



Rubber covered handle ensures a comfortable hold.



Solid, accurate and easy to use all over the company.

Please ask for further information or visit our website www.logitrans.com

LogiQ - easy and smooth handling of quarter pallets

The quarter pallet lifters, LogiQ 200 and LogiQ 300, are indispensable partners, when transporting quarter pallets in e.g. supermarkets, storage and packing areas, and gas stations. Quarter pallets are often used for the commonly used display pallets, and LogiQ 200 and LogiQ 300 are therefore perfect when transporting display pallets to the location of display in the shop.

LogiQ 200 and LogiQ 300 are very manoeuvrable, and can operate everywhere. The handles have ergonomically correct gripping angles, ensuring the user a relaxed hold. The wheels ensure a comfortable and noiseless transport - and are gentle to the fine floor and flagstone layer in the customer areas.

LogiQ 200 is designed for lifting and moving quarter pallets to the location of display. LogiQ 300 is designed for lifting quarter pallets from/to a EUR pallet and moving them to the requested location in the shop.



Technical Specifications

The quarter pallet lifters can be used for many kinds of quarter pallets (e.g. display pallets) and are available in two models:

LogiQ 200

- lifting and moving quarter pallets
- the pallets are lifted from the floor with only one handle stroke

LogiQ 300

- lifting quarter pallets to/from a EUR pallet, and transporting of these
- hydraulic pump: Lifting the pallet from the floor only requires a half pump stroke. Only 5 pump strokes are required to lift to the top

Optimum user-friendliness and safety

- high manoeuvrability / low own weight
- CE-marking
- foot protection



LogiQ 300 can handle the upper quarter pallet without problems.



A quarter pallet is lifted from a EUR pallet with LogiQ 300 and can be moved to the location of display in the shop.



LogiQ 300 has a hydraulic pump, minimising the number of pump strokes.

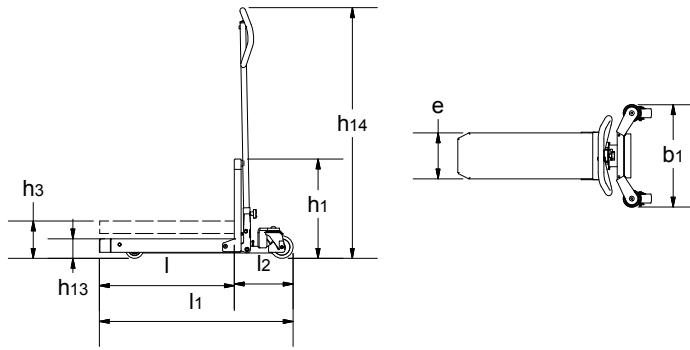
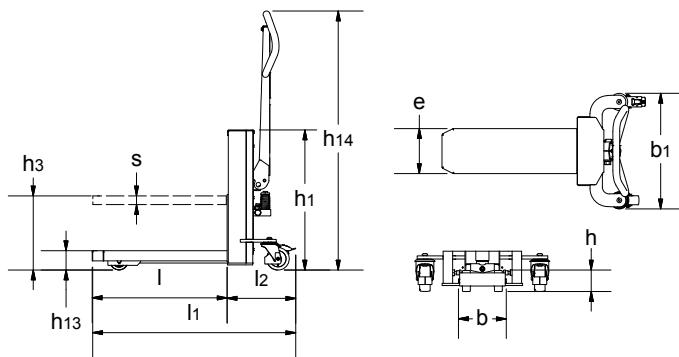


The ergonomically correct gripping angles ensure the user a relaxed grip.



Parking brake on LogiQ 300.

Product (measured in mm)	LQHM 200	LQHM 300
Capacity in kg	200	300
Lifting height	h_3	115 325
Fork length	l	600 600
Chassis height without fork	h	82
Overall height	h_1	470 625
Chassis span	b	182
Overall width	b_1	455 505
Length without forks	l_2	260 300
Overall length	l_1	860 900
Lowered height	h_{13}	85 85
Fork width	e	205 200
Fork thickness	s	45
Overall height with handle	h_{14}	1040 1170
Weight		22 kg 47 kg



We also offer tailor-made solutions.

Please ask for further information or visit our website www.logitrans.com

Stainless manual stacker - hygienic handling of goods

Optimum hygiene - with the stainless stacker the risk of bacterial contamination is minimised.

The stainless products are developed for environments where severe hygiene is needed on the surfaces that are in direct contact with the goods being handled, e.g. meat, fish or medicine.

The design focuses on the safety and ergonomic working conditions of the user. As an example, the ergonomically correct handle ensures the user a relaxed hold.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Optimum safety

- parking brake and transparent, impact-resistant safety screen on mast

Easy to clean and optimum resistance

- acid-resistant and electric polished fork chassis (AISI 316L)
- closed forks



The ergonomically correct handle ensures the user a relaxed hold.



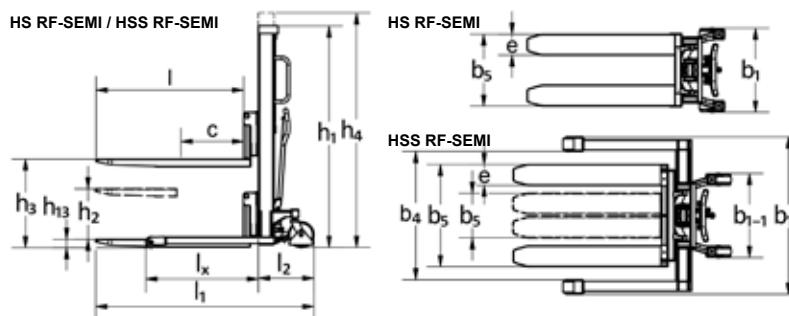
Closed forks mean easy cleaning and few hiding places for bacteria.



The stainless stacker with straddle legs can handle many different pallet types, also closed pallets.

Product (measured in mm)	HS 1000 RF-SEMI					HSS 1000 RF-SEMI				
Capacity in kg	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Lifting height	h_3	1200	1400	1600	2050	2450	1170	1370	1570	2020
Fork length	l			1150					1150	
Overall height	h_1	1530	1730	1930	1530	1730	1530	1730	1930	1530
Wheel span – external	b_{1-1}		b_1				654			913
Overall width	b_1		654		913			$b_4 + 225$		
Fork span	b_5			560				350/800		
Length without forks	l_2			390				435		
Overall length by 1150 forks	l_1	1650		1660				1650		
Overall height	h_4	Without telescopic mast		2490	2890	Without telescopic mast		2490	2890	
Lowered height	h_{13}		90				65			
Load centre	c		max. 600				max. 600			
Width between legs	b_4						435-1250 not adjustable			
Fork width	e		163				163			
Run-in length	l_x		1005				1005			
Gangway (pallet: 1200 x 800)	A_{st}		2020*				2215			
Free lift	h_2			190				190		
Turning angle of the wheels			180°				180°			
Lifting speed			normal/quick 17/54 mm per pump				normal/quick 17/54 mm per pump			
Lowering speed irrespective of load			0,21 m/s				0,21 m/s			
Weight in kg	193	197	201	255	264					

* Tests show that 1450 mm are enough.



Also available with electric lifting or as explosion proof (manual model).

Please ask for specification details or visit our website www.logitrans.com
 We also offer tailor-made solutions.

Stainless electric stacker - hygienic handling of goods

Optimum hygiene - with the stainless stacker the risk of bacterial contamination is minimised.

The stainless products are developed for environments where severe hygiene is needed on the surfaces that are in direct contact with the goods being handled, e.g. meat, fish or medicine.

The design focuses on the safety and ergonomic working conditions of the user. As an example, the ergonomically correct handle ensures the user a relaxed hold.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Optimum safety

- parking brake and transparent, impact-resistant safety screen on mast

Easy to clean and optimum resistance

- acid-resistant and electric polished fork chassis (AISI 316L)
- closed forks



The ergonomically correct handle ensures the user a relaxed hold.



Closed forks mean easy cleaning and few hiding places for bacteria.



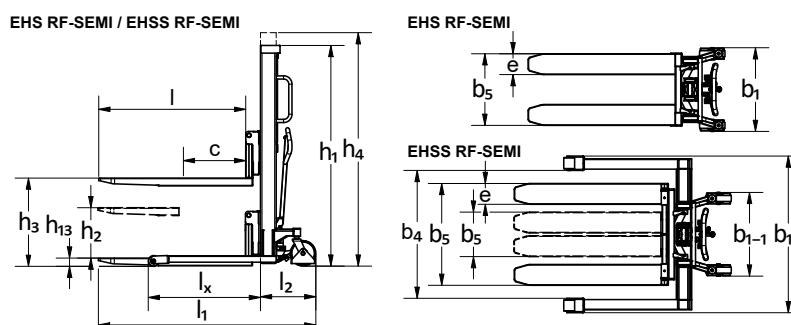
The stainless stacker with straddle legs can handle many different pallet types, also closed pallets.

Product (measured in mm)	EHS RF-SEMI						EHSS RF-SEMI						
	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Capacity in kg													
Lifting height	h_3	1200	1400	1600	2050	2450	2850	1170	1370	1570	2020	2420	2820
Fork length	l				1150					1150			
Overall height	h_4	1530	1730	1930	1530	1730	1930	1530	1730	1930	1530	1730	1930
Wheel span – external	b_{1-1}			b_1						670			930
Overall width	b_1		670			930				$b_4 + 225$			
Fork span	b_5			560						350/800			
Length without forks	l_2			500						550			
Overall length by 1150 forks	l_1		1715			1725				1815			
Overall height	h_4	Without telescopic mast		2490	2890	3290	Without telescopic mast		2490	2890	3290		
Lowered height	h_{13}		90						65				
Load centre	c		max. 600						max. 600				
Width between legs	b_4								435-1250 not adjustable				
Fork width	e		163						163				
Run-in length	l_x		1005						1005				
Gangway (pallet: 1200 x 800)	A_{st}		2200*						2435				
Free lift	h_2			190					190				
Turning angle of the wheels			180°						180°				
Pump motor			1,1 kW 12 V						1,1 kW 12 V				
Lifting speed			with/without load: 0,07 m/s						with/without load: 0,07 m/s				
Lowering speed irrespective of load			0,08 m/s						0,08 m/s				
Weight in kg (without battery)	218	222	226	283	292	302							

* Tests show that 1530 mm are enough.



Also available with manual lifting or as explosion proof (manual model).



Please ask for specification details or visit our website www.logitrans.com
 We also offer tailor-made solutions.

Stainless highlifter - hygiene at working height

Focus on optimum hygiene - the stainless highlifters are developed for the use in environments with high hygiene demands. This is done in close cooperation with customers in industries where the trucks are exposed to an aggressive environment and thorough cleaning. With a stainless highlifter the risk of bacterial contamination is minimised.

High flexibility and efficiency - one product can transport and lift a pallet to the right working height.

The design prevents industrial injuries and strain on the user - focus is put on safety and ergonomics.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

Loads of 1,500 kg can be transported and lifted up to 470 mm with the high-lifter. From 470 mm the lifting capacity is 1,000 kg.

Easy to clean and optimum resistance
• acid-resistant and electric polished fork chassis (AISI 316L)

HL RF-PLUS: Stainless handle, legs and pump piston.

EHL RF-PLUS: IP54, stainless battery cover, legs, handle and cylinder housing.

HL RF-SEMI: Stainless handle, pump piston, axles and wheel holder. All other parts have a polymer plastic coating or are chromit-treated.

EHL RF-SEMI: Stainless handle, axles and wheel holder. All other parts have a polymer plastic coating or are chromit-treated. Battery indicator extra painted.



RF-PLUS - for the food industry and the pharmaceutical industry with severe demands for hygiene and cleaning.



RF-SEMI - for the food industry in areas, where hygiene demands are not so high, but corrosion resistance important.



Optimum safety through supporting feet at steering wheel, foot protection and central location of all control buttons on the handle.



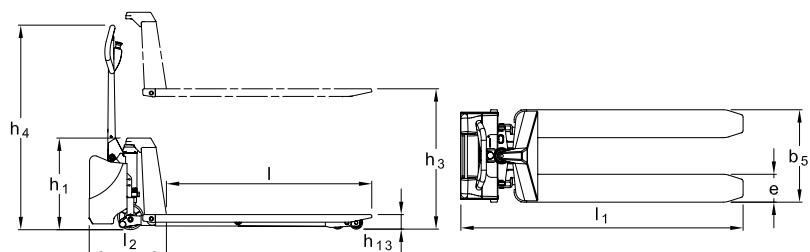
Closed forks mean easy cleaning and few hiding places for bacteria.



The manual highlifter is also available in an explosion proof version.

Product (measured in mm)	HL 1004RF-PLUS HL 1004RF-SEMI	EHL 1004RF-PLUS EHL 1004RF-SEMI
Capacity in kg	1500*	1500*
Lifting height	h_3	800
Fork length	l	1200
Overall height	h_1	540
Fork span	b_5	540, 680
Length without forks	l_2	340
Overall length	l_1	1580
Overall height with handle	h_4	1220
Lowered height	h_{13}	90
Fork width	e	163
Turning angle of the wheels		210°
Gangway	A_{st}	1830 (pallet: 1200 x 800)
Lifting speed with/without load		0,05/0,08 m/s
Lowering speed normal/quick		10/35 mm per pump
Lowering speed		Without load 0,093 m/s
Pump motor		With / without load: 0,07/0,05 m/s
Weight with 1140 mm forks (without battery)	125 kg	132 kg

* The capacity changes from 1500 to 1000 kg at the lifting height 470 mm.



Ergonomic handle ensures the user a relaxed hold.



Remote control, also wireless, is available as optional extra (EHL).



Watertight casing of the lifting motor (EHL RF-PLUS).

Please ask for specification details or visit our website www.logitrans.com. We also offer tailor-made solutions.

Stainless Logitilt - when lifting and tilting hygienically

Optimum hygiene - with the stainless Logitilt the risk of bacterial contamination is minimised.

The products are developed for environments where severe hygiene is needed on the surfaces that are in direct contact with the goods being handled, e.g. meat, fish or medicine.

The design focuses on the safety and ergonomic working conditions of the user - the Logitilt can tilt boxes and crates up to 90°. The user does not have to bend down or stretch up to reach the components in the bottom of the crate or box - this applies to both standing and sitting work positions.

The tilting degree can be set, so that the Logitilt automatically stops in the same angle each time.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

The Logitilt can carry, lift and tilt crates and boxes up to 90°, and the working height can be varied.

The tilting degree can be set, so that the Logitilt automatically stops in the same angle each time.

Easy to clean and optimum resistance

- acid-resistant and electric polished fork chassis
- strong surface
- corrosion resistant
- IP44

Long operating life and low maintenance costs

- strong construction
- AISI316L steel used on the fork chassis



Remote control for the tilt function.



Closed forks mean easy cleaning and few hiding places for bacteria.

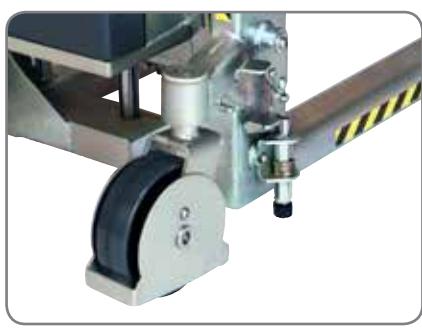


The handle can be turned to the side and locked, so that the user has free access to the contents of the crate or box.

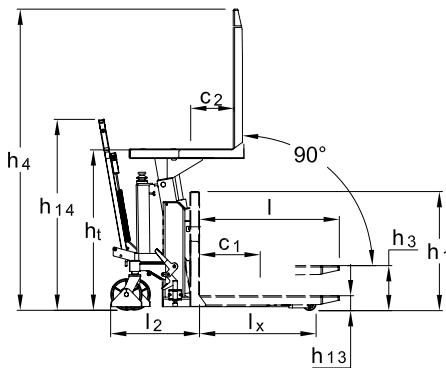
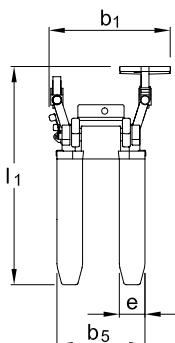
Product (measured in mm)	LT 1001TE RF-SEMI
Capacity in kg	1000
Height, tilted	h_t 750-950
Lifting height	h_3 275
Fork length	l 800
Overall height with handle	h_{14} 1090
Overall height	h_1 680
Overall width	b_1 780
Fork span	b_5 560
Fork width	e 163
Overall length by 800 mm forks	l_1 1410
Length without forks	l_2 590
Run-in length	l_x 665
Overall height	h_4 $h_t + l$
Lowered height	h_{13} 85
Load centre	c_1 max. $l/2$
Load centre	c_2 min. 200 - max. 420
Pump motor	0,8 KW 12V
Lifting speed lift/tilt	4 s/14 s
Lowering speed lift/tilt	3 s/11 s
Weight by 800 mm forks (without battery)	173 kg



For the food industry in which hygiene and ergonomically correct working positions are important factors.



Foot protectors, parking brake, safety valve and emergency stop offer the operator optimum safety.



Please ask for specification details or visit our website www.logitrans.com. We also offer tailor-made solutions.

Stainless pallet truck **- hygienic pallet transport**

Optimum hygiene - with a stainless pallet truck the risk of bacterial contamination is minimised. The stainless products were developed in cooperation with a Creamery for use in environments where the hygiene demands are severe and where the truck is exposed to an aggressive environment and thorough cleaning.

No damage to surroundings, pallets and goods
- Panther Inox Plus and Panther Inox have elegant design with rounded corners.

The design prevents industrial injuries and strain on the user - focus is put on safety and ergonomic working conditions of the user. The ergonomically correct shape of the handle ensures a relaxed hold for the user.

High quality is ensured through an extended test programme and in cooperation with experts in Health and Safety.



Technical Specifications

The stainless pallet truck is available in two models:

- **Inox Plus:** Acid-resistant fork chassis. All other parts stainless steel
- **Inox:** Acid-resistant fork chassis. Stainless handle, wheel forks, lifting arm and thrust plate. The push rod has a polymer plastic coating and the pump is chromit-treated.

Easy to clean and optimum resistance

- acid-resistant and electric polished fork chassis
- strong surface
- corrosion resistant

Long operating life and low maintenance costs

- strong construction
- AISI316L steel used on the fork chassis
- many options for lubricating



Inox Plus - for the food industry and the pharmaceutical industry with strict hygiene and sanitation requirements.



Inox - for the food industry in areas, where hygiene demands are not so high, but corrosion resistance important.



Completely open or completely closed truck elements facilitate efficient cleaning.

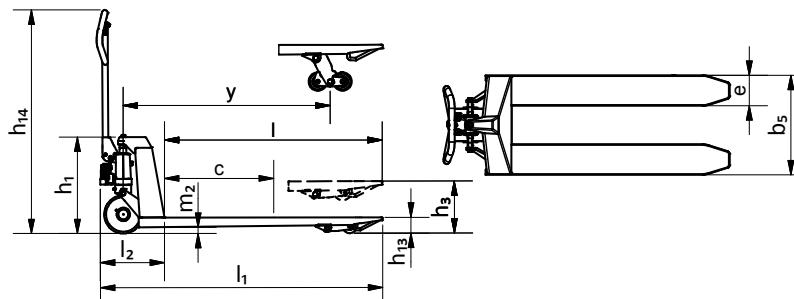


The lowered height can be adjusted .



Panther Inox Plus is also available in an explosion proof version.

Product (measured in mm)	Panther Inox Plus PIP2072	Panther Inox Plus PIP2082	Panther Inox PI2082
Capacity in kg		2000	
Lifting height	h_3	$h_{13} + 120$	
Fork length	l	810, 915, 970, 1140, 1220, 1520	
Overall height	h_1	$h_{13} + 412$	
Fork span	b_5	520, 680	
Length without forks	l_2	335	
Overall length	l_1	$l+335$	
Fork width	e	160	
Wheelbase	y	$l+25$	
Overall height	h_{14}	1170	
Lowered height	h_{13}	75 to 83	85 to 93
Load centre	c	$l/2$	
Ground clearance	m_2	$h_{13} - 51$	
Turning angle of the wheels		220°	
Fork wheels - single	$\varnothing 70 \times 90$	$\varnothing 80 \times 90$	$\varnothing 80 \times 90$
Fork wheels - tandem		$\varnothing 80 \times 70$	$\varnothing 80 \times 70$
Steering wheel		$\varnothing 200 \times 50$	
Weight		69 kg (520 x 1140), 75 kg (680 x 1140)	



Ergonomic handle ensures the user a relaxed hold.



The pallet truck being used in the pharmaceutical industry.



Wheels with rubber-sealed bearings.

Please ask for specification details or visit our website www.logitrans.com
 We also offer tailor-made solutions.

Equipamentos para Atmosferas Explosivas

Os equipamentos antideflagrantes; porta paletes, highlifters porta paletes tesoura e stackers; são especialmente concebidos para trabalhar em atmosferas explosivas em resultado da presença de gases, de vapores, de combinações de químicos ou de poeiras.

O design foca sobretudo na segurança e ergonomia de funcionamento para o utilizador. A forma ergonómica correcta do timão assegura um manejo cómodo.

Alta qualidade assegurada por um extenso programa de testes efectuado em colaboração com especialistas em SAUDE e SEGURANÇA.



Especificações Técnicas

Os equipamentos antideflagrantes; porta paletes, highlifters porta paletes tesoura e stackers são aprovados para operações nas atmosferas explosivas.

Os equipamentos são construídos e equipados de acordo com a directiva 2014/34/EC (ATEX) e normas relevantes. Os equipamentos manuais utilizados em atmosferas explosivas têm de cumprir com a directiva ATEX.

Os equipamentos são classificados no grupo II e são apropriados para áreas classificadas como zona 1/zona 21 (contém também zona 2/zona 22).

Isto significa zonas onde atmosferas explosivas podem ocorrer ocasionalmente pela presença de poeiras, de gases.



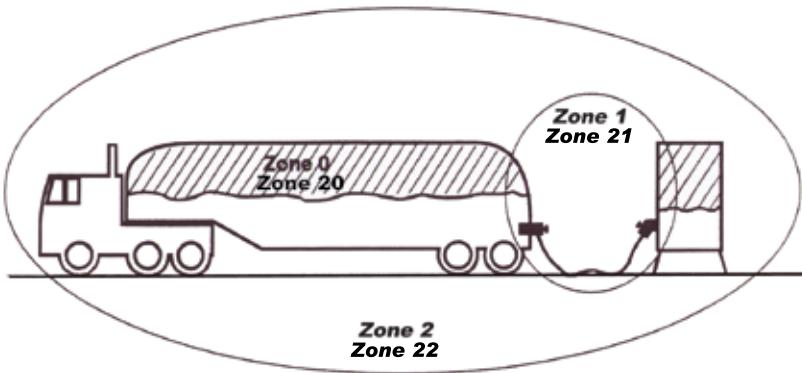
Timão de concepção ergonómica assegura um manejo cómodo.



Os equipamentos têm 2 rodas anti-estáticas em vulkolan para descarregar a eletricidade estática.



Construção robusta para uma longa vida útil com baixos custos de manutenção.



Os equipamentos básicos são manuais e são construídos em aço inoxidável.

El dibujo muestra un ejemplo de una zona.
Gases: Zona 0, 1 e 2.
Poeiras: Zona 20, 21 e 22.

Os equipamentos construídos para atmosferas explosivas são classificados com a seguinte marca:



II 2G Ex h IIB T6 Gb
II 2D EX h IIIIB T85°C Db



Os equipamentos para atmosferas explosivas são apropriados nas indústrias farmacêutica, petroliifera, gasógena, química, e pintura.

Consulte-nos para mais detalhes ou visite a nossa página Web www.logitrans.com. Também oferecemos soluções feitas por medida.

