

PALLET DOLLIES

A versatile programme • 4 sizes • 4 wheel features • 5 load capacities • Top frames at ergonomically convenient placement heights • Useful fittings like push handle or shaft and tow hitch systems • Neatly welded angular and tubular steel construction • Powder coated blue RAL 5007 • 2 swivel and 2 fixed-wheel castors, wheels with TPE tyres (thermoplastic elastomer), hubs with groove ball bearing • or wheels with elasticized solid rubber tyres, blue-grey „trackless“, hubs with groove ball bearings or • Polyamide wheels, hubs with roller bearings • Swivel castors with wheel locks



22501 | 22811



PALLET DOLLIES



22501



22799 | 22800 | 22801 | 22802



22879 | 22880 | 22881 | 22882



22809 | 22810 | 22811 | 22812



22699 | 22700 | 22701 | 22702

* All special versions on page 98/99 (stacking frames, tubular sliding bar, handle, self-locking push handle and coupling) are not suitable.

	Order no.	Capacity kg	Outside dimension L x W x H mm	Platform size L x W mm	For pallet size mm	Height mm	Net weight kg
Light pallet dolly TPE tyres	22501*	500	1240 x 830 x 238	1230 x 820	1200 x 800	216	29
Pallet dollies TPE-tyres	22799	750	855 x 655 x 329	810 x 610	800 x 600	282	30
	22800	750	1055 x 855 x 329	1010 x 810	1000 x 800	282	33
	22801	750	1255 x 855 x 329	1210 x 810	1200 x 800	282	34
	22802	750	1255 x 1055 x 329	1210 x 1010	1200 x 1000	282	35
Pallet dollies Polyamide	22879	1050	855 x 655 x 329	810 x 610	800 x 600	282	29
	22880	1050	1055 x 855 x 329	1010 x 810	1000 x 800	282	32
	22881	1050	1255 x 855 x 329	1210 x 810	1200 x 800	282	33
	22882	1050	1255 x 1055 x 329	1210 x 1010	1200 x 1000	282	35
Pallet dollies Elasticated solid rubber	22809	1200	855 x 655 x 329	810 x 610	800 x 600	282	31
	22810	1200	1055 x 855 x 329	1010 x 810	1000 x 800	282	34
	22811	1200	1255 x 855 x 329	1210 x 810	1200 x 800	282	35
	22812	1200	1255 x 1055 x 329	1210 x 1010	1200 x 1000	282	36
Pallet dollies Polyurethane	22699	2200	855 x 655 x 333	810 x 610	800 x 600	286	39
	22700	2200	1055 x 855 x 333	1010 x 810	1000 x 800	286	42
	22701	2200	1255 x 855 x 333	1210 x 810	1200 x 800	286	43
	22702	2200	1255 x 1055 x 333	1210 x 1010	1200 x 1000	286	44

Blue marked item numbers = quick delivery (for details see page 4)

Light pallet dollies 22501*

For pallets and lattice boxes. 500 kg capacity.

2 swivel and 2 fixed-wheel castors 160 x 40 mm, TPE tyres, castors with wheel lock, according to the European Standard EN 1757-3 (safety of platform trolleys).

Flat steel frame with down-stand beam, without catch corners, powder coated, blue RAL 5007. Because of the decreased bearing profile (20 mm) the revolving frame securely takes the pallets and lattice boxes.

Pallet dollies

For pallets and lattice boxes. Sturdy sectional steel construction with 4 catch corners for stacking, powder coated, blue RAL 5007.

2 swivel and 2 fixed-wheel castors. Castors with wheel lock, according to the EN 1757-3 (safety of platform trolleys).

22799 | 22800 22801 | 22802

Capacity 750 kg

TPE tyres 200 x 40 mm, hubs with ball bearings. Very low starting, rolling and swivelling resistance. Tyres are non-marking (trackless). Low-noise running on even flooring.

22879 | 22880 22881 | 22882

Capacity 1050 kg

Polyamide wheels 200 x 50 mm, hubs with roller bearings. Low rolling resistance, high chemical resistance, non marking. Road noise.

22809 | 22810 22811 | 22812

Capacity 1200 kg

Elasticated solid rubber tyres 200 x 50 mm, blue-grey „trackless“, hubs with ball bearings. Low rolling resistance, easy movement, no road noise.

22699 | 22700 22701 | 22702

Capacity 2200 kg

Reinforced version. Polyurethane tyres 200 x 50 mm, hubs with ball bearings. Very low rolling resistance, smooth running, no road noise.



STACKING FRAMES



Stacking frames for pallet dollies

For parking flat pallets and pallet cages at an ergonomically comfortable level.

Angle steel construction with catch corners, sturdy tubular supports with base plates.

Stable support tubes with foot plates, to be inserted into corner sleeves at the stacking frame. Powder coated, blue RAL 5007.

- 4 sizes:**
- 800 x 600 mm
 - 1000 x 800 mm
 - 1200 x 800 mm
 - 1200 x 1000 mm

3 loading heights:

- without pallet dolly:
- 140 mm
 - 270 mm
 - 370 mm

with pallet dolly:

- 422 mm
- 552 mm
- 652 mm

Stacking frames can be bolted tight with the pallet dolly via base plates and bolting set (included in delivery).



22921



22899-22922

Stacking frames are not suitable for the light pallet dolly 22501 and 22699 - 22702.

	Order no.	Capacity kg	Platform size L x W mm	For pallet size mm	Height mm		Net weight kg
					without pallet dolly	with pallet dolly	
Stacking frames for pallet dollies 140/422 mm high	22899	1200	810 x 610	800 x 600	140	422	13
	22900	1200	1010 x 810	1000 x 800	140	422	16
	22901	1200	1210 x 810	1200 x 800	140	422	17
	22902	1200	1210 x 1010	1200 x 1000	140	422	18
270/552 mm high	22909	1200	810 x 610	800 x 600	270	552	14
	22910	1200	1010 x 810	1000 x 800	270	552	17
	22911	1200	1210 x 810	1200 x 800	270	552	18
	22912	1200	1210 x 1010	1200 x 1000	270	552	19
370/652 mm high	22919	1200	810 x 610	800 x 600	370	652	15
	22920	1200	1010 x 810	1000 x 800	370	652	18
	22921	1200	1210 x 810	1200 x 800	370	652	19
	22922	1200	1210 x 1010	1200 x 1000	370	652	20

Blue marked item numbers = quick delivery (for details see page 4)



ACCESSORIES FOR PALLET DOLLIES



22890

Push handle* 22890

Strong adjustable push handle can be attached at the castor end. The sleeves are welded together with the chassis.



22892



Self-locking push handle 22892

Self-locking push handle for pallet dollies from 800 mm width. For comfortable and ergonomic moving of empty and loaded pallet dollies. Sturdy tubular steel construction with strong support claws. Handle and cross tube with softgrip. In unlocked position movable via two auxiliary rollers.

Utility patent
20 2014 010 367



22894



Shaft and tow hitch* 22894

For the transport with towing vehicles up to 6 km/h. Transports up to 5 pallet dollies possible.

Maximum train weight
2000 kg.

Shaft made of sheet steel. Shaft raises automatically via gas springs into vertical resting position. Robust coupling pin on the fixed-wheel side. Connection via foot operation possible.



22895



Shaft and tow hitch* 22895

For the transport with towing vehicles up to 6 km/h. Transports up to 5 pallet dollies possible.

Maximum train weight
2000 kg.

Shaft made of sheet steel. In resting position shaft can be folded frame. Robust coupling pin on the fixed-wheel side. Connection via foot operation possible.

German Patent
10 2004 061 440

Order no.		
22890*	Push handle*	
22892	Self-locking push handle	
22894*	Shaft and tow hitch*	
22895*	Shaft and tow hitch*	

All accessories is not suitable for the the light pallet dolly 22501.

*Optional extras are only in a set with pallet dollies, because they are welded together.



Pallet dollies as tigger train 22601

For pallets and lattice boxes in European standard sizes.

Easy loading and unloading from the side with forklift.

Sturdy sectional steel construction with 4 catch corners for stacking. Powder coated blue RAL 5007.

2 swivel and 2 fixed-wheel castors, with robust steel carriages suitable for tigger trains, wheels with PU tyres on aluminium rims, hubs with precision ball bearings. Swivel castors with wheel locks.

Tyres are non-marking (track-less). Low-noise running on even flooring.

Capacity 1000 kg.

- This coupling system guarantees the best possible directional stability
- Tractors must have front wheel steering and tigger train drawbar!
- Max. 5 pallet dollies per train
- Max. train speed 6 km/h
- Max. train weight 3000 kg

Patent pending
10 2016 108.182.5

Warranty
for tigger trains 3 years.



22601



Detail shaft and tow hitch



Self-securing flat steel drawbar on the fixed-wheel side. Drawbar eye Ø 26.5 mm. Comfortable foot operation. Automatically rebounds into vertical resting position by means of gas spring.

On the swivel wheel side there is a strong coupling pin Ø 25 mm with leading jaws and automatic safety lock. Coupling height 205 mm.

	Order no.	Capacity kg	Outside dimension L x W x H mm	Platform size L x W mm	For pallet size mm	Height mm	Net weight kg
Pallet dollies as tigger train	22601	1000	1327 x 855 x 783	1210 x 810	1200 x 800	290	50



EXAMPLE OF USE



Tugger train with electric tractor and 5 pallet carriages



Easy to manoeuvre



Very high directional stability



Secure and directionally stable operation



Numerous application options



TROLLEYS FOR STANDARD TUGGER TRAINS



23881 | 23882



23891 | 23892

Pallet dollies for standard tugger trains

23881 | 23882

Capacity 1050 kg

Suitable for transport on standard tugger trains. Resilient angle steel design with corner supports.

Powder coated in blue RAL 5007. 4 swivel castors with polyamide wheels 200 x 50 mm white, hubs with precision ball bearings. 2 swivel castors with full locking device in the lead, diagonal layout.

Ground clearance: 235 mm

23891 | 23892

Capacity 1050 kg

Construction as in 23881, but 1 castor is electrically conductive, black polypropylene wheel body, hub with precision ball bearings.

Ground clearance: 235 mm



23990

Extra charge for 1 swivel castor with directional locking device

instead of 1 swivel castor without locking device.

4 x 90 degrees locking provides good directional stability in longitudinal and transversal direction. Fixed operating lever underneath the frame, not protruding. To be operated from the long side. Easy reach in any castor position.



23991

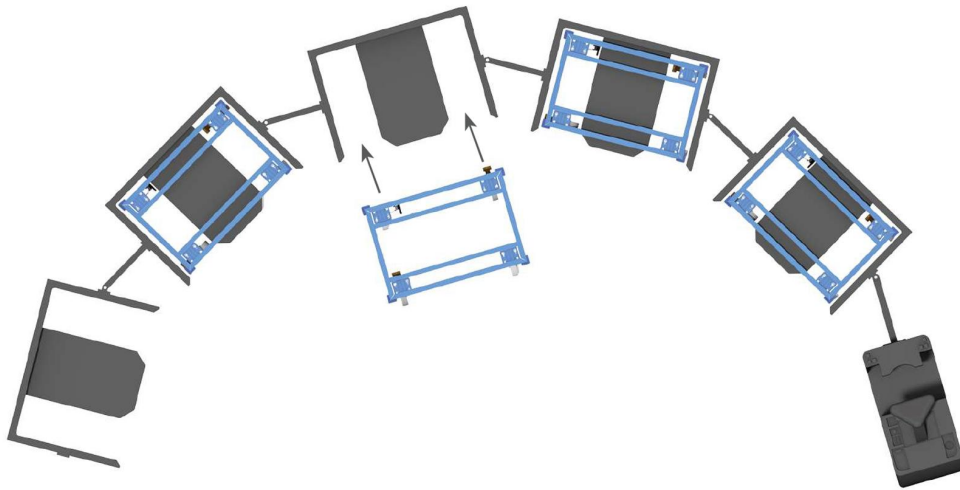
Extra charge for 2 swivel castors with fixed locking device operating levers

instead of the swivel castors with pivoting operating levers.

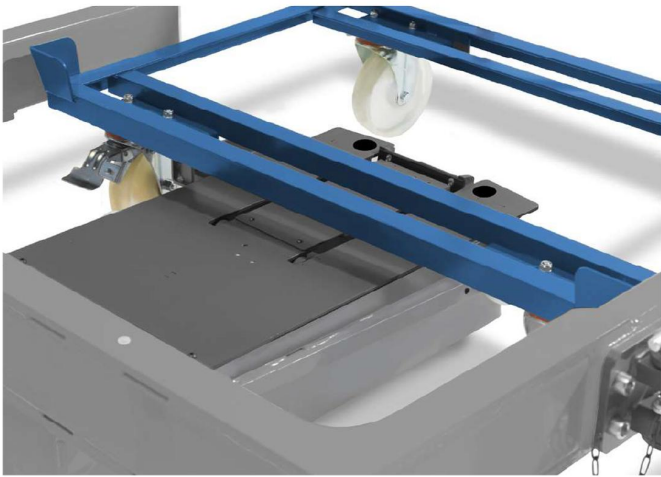
Fixed operating levers underneath the frame, not protruding. To be operated from the long side. Easy reach in any castor position. Ground clearance increased to 237 mm, overall height to 282 mm.

	Order no.	Capacity kg	Outside dimension L x W x H mm	Platform size L x W mm	For pallet size mm	Loading height mm	Net weight kg	
Pallet dollies for standard tugger trains	23881	1050	1255 x 855 x 327	1210 x 810	1200 x 800	280	34	
	23882	1050	1255 x 1055 x 327	1210 x 1010	1200 x 1000	280	34	
	23891	1050	1255 x 855 x 327	1210 x 810	1200 x 800	280	34	
	23892	1050	1255 x 1055 x 327	1210 x 1010	1200 x 1000	280	34	
	Order no.					New loading and total height mm		
	23990	1 swivel castor with directional locking device				-		
	23991	2 swivel castors with fixed locking device operating levers				282/329		

TROLLEYS FOR STANDARD TUGGER TRAINS



Transport on standard trolley trains



Suitable for standard trolley trains



Ergonomic handling



Application in practise



Application in practise