

PALLET TRANSPORT



Catch corners:
Simple loading and secure hold while driving.



Practical and good:
For flat pallets and pallet cages.
Sturdy steel structure, manufactured to the highest craftsmanship standards.

Castor equipment:
TPE, polyamide, elastic solid rubber or polyurethane tyres, all non-marking and with wheel locks.

Pallet dolly **22801 + 22811**



22501



22799 | 22800 | 22801 | 22802



22879 | 22880 | 22881 | 22882



22849 | 22850 | 22851 | 22852



22809 | 22810 | 22811 | 22812

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. 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.

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.

22849 | 22850 22851 | 22852

Capacity 1050 kg

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

* All special equipments on page 128/129 (stacking frames, tubular push handle, self-locking push handle and shaft and tow hitch) are not suitable. FIXSTOP only possible on pallet dollies with TPE.

	Order no.	Capacity kg	Outside dimensions L x W x H mm	Platform size L x W mm	For pallet size L x W 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 Polyurethane	22849	1050	855 x 655 x 329	810 x 610	800 x 600	282	30
	22850	1050	1055 x 855 x 329	1010 x 810	1000 x 800	282	32
	22851	1050	1255 x 855 x 329	1210 x 810	1200 x 800	282	33
	22852	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



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

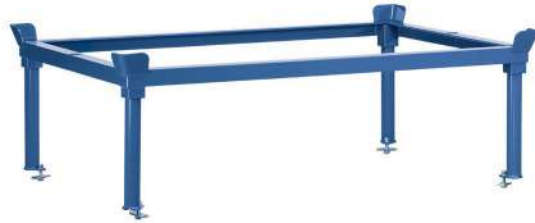
with pallet dolly:

- 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



Example of use

Stacking frames for pallet dollies	Order no.	Capacity kg	Platform size L x W mm	For pallet size mm	Loading height mm		Net weight kg
					without pallet dolly	with pallet dolly	
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

*Stacking frames are not suitable for the pallet dollies 22501 and 22699 - 22702.



22890*

Push handle*
22890

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

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

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.

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

*All accessories are not suitable for the light pallet dolly 22501. *Optional extras can only be purchased with pallet dollies because they are welded together.*



22892



22894*



22895*

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



← Application film

Pallet dollies as tugging 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 tugging trains, wheels with PU tyres on aluminium rims, hubs with precision ball bearings. Swivel castors with wheel locks.

Tyres are non-marking (trackless). 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 tugging train drawbar!

- Max. 5 pallet dollies per train
- Max. train speed 6 km/h
- Max. train weight 3000 kg

German patent
10 2016 108 182

Warranty
for tugging trains 3 years.



22601



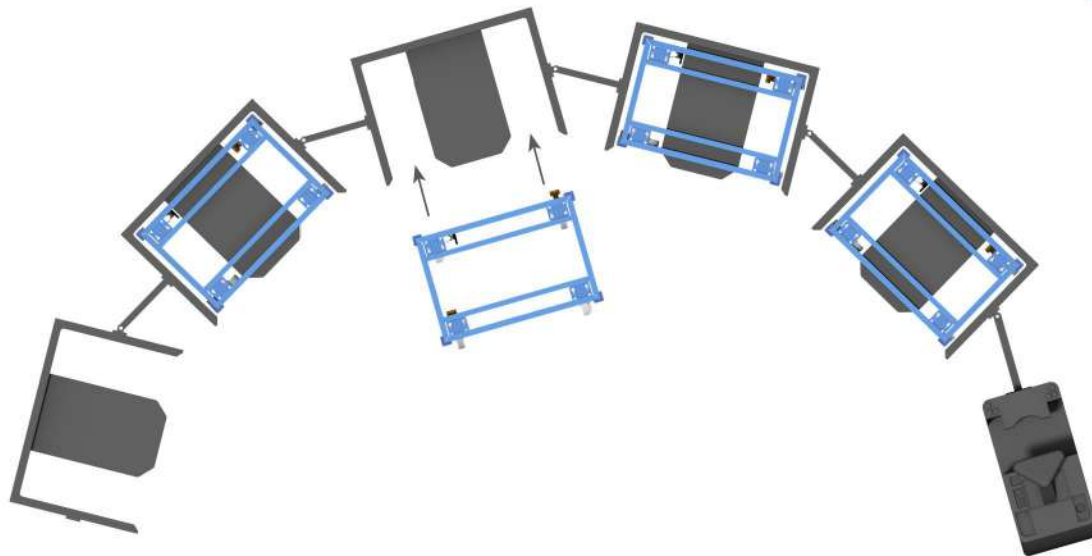
Detail tow hitch and shaft



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.

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.

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



Transport on standard tugger trains



23881 | 23882



23891 | 23892



23990



23991

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.

German patent 10 2016 110 300.4

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.

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

	Order no.	Capacity kg	Outside dimensions L x W x H mm	Platform size L x W mm	For pallet size L x W 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