



2960 | 2961 | 2962



Clip board
see also page 92



Wire basket for small items
600 x 140 x 200 mm



2970 | 2971 | 2972



Deposit locks
made of high-quality plastic, to be operated easily and safely. Suitable for 1 Euro coins.



2980 | 2981 | 2982

Wall securing chain
for deposit lock, length 1.20 m.

Cash and carry carts

Nesting trolleys, thereby reducing storage space by 75%.

Tubular steel construction, powder coated, platform made of anti-skid waterproof plywood boards.

2 castor wheels and 2 fixed wheels, solid rubber tyres.

Castors with wheel locks, according to the European Standard EN 1757-3 (safety of platform trolleys).

2960 | 2961 | 2962

Platform height: 265/310 mm
Total width: 650/750/850 mm

2970 | 2971 | 2972

as 2960/2961/2962, but with 2 shelves.

Shelf heights:
with wheel-Ø 160 = 265/775 mm
with wheel-Ø 200 = 310/820 mm

Capacity upper shelf = 80 kg.

2980 | 2981 | 2982

as 2960/2961/2962, but instead of tubular pushbar 2 lateral frames, 680 mm high, on the side of the fixed wheels also 2 lateral frames, 500 mm high.

Platform interior width: 435/535/635 mm.

	Order No.	Capacity kg	Wheel Ø mm	Platform size L x W mm
Cash and carry carts	2960	400	160	850 x 500
	2961	500	200	1000 x 600
	2962	500	200	1000 x 700
	2970	400	160	850 x 500
	2971	500	200	1000 x 600
	2972	500	200	1000 x 700
	2980	400	160	850 x 500
	2981	500	200	1000 x 600
	2982	500	200	1000 x 700
Clip board	1290	-	-	-
Wire basket	1291	-	-	-
Deposit locks	2910	-	-	-
Wall securing chain	2913	-	-	-

Warehouse trolleys

Nesting trolleys, thereby reducing storage space by 75%.

Handy and manoeuvrable for quick transports and picking.

Warehouse trolleys of tubular steel construction, platforms conical and slightly inclined, made of wire lattice.

Powder coated blue RAL 5007.

4 castors, wheels with TPE tyres 125 x 32 mm, soft, easy running and trackless. Hubs with bush bearing.

2 wheels with locks.

Flat packed for easy self assembly.

2966

One platform, conical.
Platform height 227 mm.
Total height 980 mm.



2966

2977

Two platforms, lower platform conical, upper platform square. Upper platform can be folded away.

Platform heights 227/755 mm.

Total height: 980 mm.

Outside dimensions L x W x H = 970 x 575 x 980 mm.

Upper platform capacity 80 kg.



2977

	Order No.	Capacity kg	Wheel Ø mm	Platform size L x W mm	Net weight kg
Warehouse trolleys	2966	300	125	850 x 500/320	14
	2977	300	125	715 x 455	21

PALLET DOLLIES

A versatile programme • 4 sizes • 3 wheel features • 3 load capacities • Top frames at ergonomically convenient placement heights • Useful fittings like push handle or slide-in towing-hitch • Neatly welded angular steel construction • Powder coated blue RAL 5007 • 2 castors and 2 fixed wheels, wheels with solid rubber tyres, hubs with roller bearings • or wheels with elasticized solid rubber tyres, hubs with grooved ball bearings • or polyamide wheels, hubs with roller bearings • Castors with wheel locks



PALLET DOLLIES



22799 | 22800 | 22801 | 22802

Pallet dollies for pallets and boxes. Sturdy sectional steel construction with 4 catch corners for stacking, powder coated.

2 castor wheels and 2 fixed wheels 200 x 50 mm. Castors with wheel lock, according to the European Standard EN 1757-3 (safety of platform trolleys).

22799 | 22800

22801 | 22802

Capacity 500 kg.

Solid rubber tyres, hubs with roller bearings. Standard wheels for medium loadings. Silent running.

22809 | 22810

22811 | 22812

Capacity 1200 kg.

Elasticated solid rubber tyres, hubs with ball bearings. Low rolling resistance, easy movement, no road noise.

22879 | 22880

22881 | 22882

Capacity 1000 kg.

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

22890

Optional extras:

Strong adjustable handle can be attached at the castor end.

22895

Optional extras:

Tow hitch for multipurpose towing. Can be folded away under frame when not in use.

German patent application 10 2004 061 440.7

Accessoires page 92



22809 | 22810 | 22811 | 22812



22879 | 22880 | 22881 | 22882



22890



22895



	Order no.	Capacity kg	Platform size L x W mm	For pallet size mm	Height mm	Net weight kg
Pallet dollies with solid rubber tyres	22799	500	810 x 610	800 x 600	280	30
	22800	500	1010 x 810	1000 x 800	280	33
	22801	500	1210 x 810	1200 x 800	280	34
	22802	500	1210 x 1010	1200 x 1000	280	35
Elasticated solid rubber	22809	1200	810 x 610	800 x 600	280	31
	22810	1200	1010 x 810	1000 x 800	280	34
	22811	1200	1210 x 810	1200 x 800	280	35
	22812	1200	1210 x 1010	1200 x 1000	280	36
Polyamide	22879	1000	810 x 610	800 x 600	280	29
	22880	1000	1010 x 810	1000 x 800	280	32
	22881	1000	1210 x 810	1200 x 800	280	33
	22882	1000	1210 x 1010	1200 x 1000	280	35
Push handle	22890	-	-	-	-	-
Tow hitch	22895	-	-	-	-	-

Stacking frames for pallet dollies for the placement of pallets and boxes in a suitable ergonomically working height. Angle steel construction with catch corners, sturdy tubular supports with base plates. 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:
 420 mm
 550 mm
 650 mm

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



22921



22899-22922

	Order no.	Capacity kg	Platform size L x W mm	For pallet size mm	Height mm		Net weight kg
					without PD*	with PD*	
Stacking frames for pallet dollies 140/420 mm high	22899	1200	810 x 610	800 x 600	140	420	13
	22900	1200	1010 x 810	1000 x 800	140	420	16
	22901	1200	1210 x 810	1200 x 800	140	420	17
	22902	1200	1210 x 1010	1200 x 1000	140	420	18
270/550 mm high	22909	1200	810 x 610	800 x 600	270	550	14
	22910	1200	1010 x 810	1000 x 800	270	550	17
	22911	1200	1210 x 810	1200 x 800	270	550	18
	22912	1200	1210 x 1010	1200 x 1000	270	550	19
370/650 mm high	22919	1200	810 x 610	800 x 600	370	650	15
	22920	1200	1010 x 810	1000 x 800	370	650	18
	22921	1200	1210 x 810	1200 x 800	370	650	19
	22922	1200	1210 x 1010	1200 x 1000	370	650	20

*PD = Pallet dolly

SHEET MATERIAL TRANSPORT

Dollies for sheet material • Carts for sheet material • Trolleys for sheet material • Stands for sheet material • The suitable product matches the respective application pupose • Neatly welded sectional/tubular steel construction • Powder coated blue RAL 5007 - high-quality and durable • With solid rubber or pneumatic tyres • Elastic solid rubber tyres for heavy loads • 250 - 1200 kg capacity



SHEET MATERIAL TRANSPORT

1075 | 1076

Carts for sheet material

Cart for longitudinal transport of bulky wooden boards and plastic sheets. Tubular steel construction with steel sheet blade, powder coated blue RAL 5007.

Wheels with either solid rubber or pneumatic tyres. Hubs with roller bearings.

2 support wheels 50 mm Ø.

Flat packed delivery.



1075 | 1076



2075 | 2076

2075 | 2076

Cart for sheet material as 1075/1076 but fitted with rubber strip (nonskid). With holding-down clamp as tilt lock.

4155 | 4156

Dollies for sheet material

Dolly for sheet material with clamping jaws. Steel-welded construction, powder coated blue RAL 5007.

Jaw surface with felt coating. Wheels with either solid rubber or pneumatic tyres, hubs with roller bearings.

Secure clamping by the weight of the load on the clamping construction. Maximal clamping width: 0-60 mm.



4155 | 4156



4157 | 4158



4165 | 4166



4175 | 4176

4157 | 4158

Dollies for sheet material

as 4155/4156, but clamping width 30-95 mm (suitable for windows).

4165 | 4166

Dolly for sheet material in U-form. Steel sheet construction, powder coated blue RAL 5007, interior surface with felt coating.

Wheels with either solid rubber or pneumatic tyres, hubs with roller bearings.

Total width: 380 mm.

Clear width: 150 mm.

4175 | 4176

Dolly for sheet material as 4165/4166, but with support and push bar.

Total width: 380 mm.

Total height: 900 mm.

Clear width: 150 mm.

	Order no.	Capacity kg	Height mm	Lifting blade length mm	Lifting blade width mm	Total width mm	Solid rubber tyres mm	Pneumatic tyres mm	Net weight kg
Carts for sheet material	1075	400	1430	500	200	680	250 x 60	-	18
	1076	350	1430	500	200	680	-	260 x 85	16
	2075	400	1450	500	200	680	250 x 60	-	20
	2076	350	1450	500	200	680	-	260 x 85	18
Dollies for sheet material	4155	250	300	300	60	305	250 x 60	-	8
	4156	250	300	300	60	305	-	260 x 85	6
	4157	250	300	300	95	340	250 x 60	-	8
	4158	250	300	300	95	340	-	260 x 85	6
	4165	500	250	500	150	380	250 x 60	-	8
	4166	400	260	500	150	380	-	260 x 85	6
	4175	500	900	500	150	380	250 x 60	-	10
	4176	400	900	500	150	380	-	260 x 85	8



4463 | 4463-1 | 4465 | 4465-1 Trolleys for sheet material



4363 | 4365 Stands for sheet material



4445 Trolley for sheet material



Accessories for sheet material stands:

Pallet feet for 100 mm fork-lift access.

4463 | 4463-1 4465 | 4465-1 Trolleys for sheet material

Up to 1200 kg capacity

Welded sectional and tubular steel, powder coated, with wooden platform. 6 positions for insertable tubular supports. Clearance between supports 90 mm, 2 castor wheels and 2 fixed wheels; 500 kg = solid rubber tyres, hubs with roller bearings.

1200 kg = elasticated solid-rubber tyres, hubs with ball bearings, castor wheels with wheel lock, height of loading platform 280 mm.

4445

Welded profile steel and steel tube. Anti-skid loading platform of waterproof plywood. Rhombic wheel arrangement, extremely manoeuvrable, can turn in its own length. One castor at each end and two fixed housings in the centre with solid rubber tyres and roller bearings.

Castors with wheel locks, according to the European Standard EN 1757-3 (safety of platform trolleys).

Platform 1500 mm long x 400 mm wide x 1150 mm effective height.

Overall measurements L x W x H 1500 x 710 x 1500 mm.

4363 | 4365 Stands for sheet material

Design and dimensions as for 4463/4465 but without castor wheels and fixed wheels.

4 rubber feet, floor anchoring possible.

One face end fitted with 6-piece pick-up roller. For up to 1200 kg capacity

	Order no.	Capacity kg	Wheel Ø mm	Platform size L x W mm	
Sheet material trolleys for insertable tubular supports (without tubular supports)	4463	500	200	1200 x 800	
	4463-1	1200	200	1200 x 800	
	4465	500	200	1600 x 800	
	4465-1	1200	200	1600 x 800	
Sheet material stands (without tub. support)	4363	1200		1200 x 800	
	4365	1200		1600 x 800	
Trolley for sheet material	4445	500	200	1500 x 400	
	Order no.	Length mm	Height mm		
Insertable tubular supports	3012	1200	300		
	6012	1200	600		
	9012	1200	900		
	3016	1600	300		
	6016	1600	600		
	9016	1600	900		
Pallet feet for sheet material stands	2021	-	-		

Modular system

for safe transport of glass panels, wood or plastic plates as well as entire windows or doors.

Trolleys for sheet material. Welded sectional and tubular steel. Powder coated blue RAL 5007.

2 castor and 2 fixed wheels, elasticated solid rubber tyres, hubs with ball bearings.

Castors with wheel lock, according to the European Standard EN 1757-3 (safety of platform trolleys).

For up to 1200 kg capacity

4454 | 4455 | 4456

fitted with rubber strip on one side only.

Support width 430 mm, support height 1450 mm, Total height 1810 mm.

4474 | 4475 | 4476

fitted with rubber strip on two sides.

Support width 2 x 230 mm, support height 1450 mm, Total height 1810 mm.



4454 | 4455 | 4456



4474 | 4475 | 4476

	Order no.	Capacity kg	Wheel Ø mm	Platform size L x W mm	
Sheet material trolleys (one-sided)	4454	1200	200	1200 x 800	
	4455	1200	200	1600 x 800	
	4456	1200	200	2000 x 800	
Sheet material trolleys (double-sided)	4474	1200	200	1200 x 800	
	4475	1200	200	1600 x 800	
	4476	1200	200	2000 x 800	



2111

2111

Trolley for long goods, in sectional steel, with insertable tubular steel stanchions, 2 cradles, powder coated, blue RAL 5007. Centre clear for crane or fork-lift loading.

Rhombic arrangement of wheels, on centre 2 fixed wheels, at each end 1 castor wheel with polyurethane tyre 200 x 50 mm.

Hubs with ball bearings. Wheel lock on centre axle.

Platform height: 350 mm
Usable height of stanchions: 500 mm

Total width: 600 mm
Clear width: 500 mm



2113 | 2123

2113

Trolley for long goods, in sectional steel, with insertable tubular steel stanchions, 2 cradles, powder coated, blue RAL 5007. Centre clear for crane or fork-lift loading.

Wheels: on centre axle elasticated solid rubber tyres 360 x 75 mm, at each end 1 castor wheel with elasticated solid rubber tyre 200 x 50 mm.

Wheel lock on centre axle.

Loading height: 420 mm
Useful length of stanchions: 500 mm

Total width: 700 mm
Clear width: 600 mm.



2110

2123

as 2113, but wheels with polyurethane tyre.

2110

Trolley for long goods, in sectional steel, with insertable tubular steel stanchions, powder coated, blue RAL 5007.

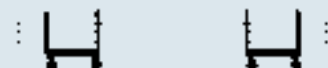
Wooden platform proof to water.

Heavy duty castor wheels, elasticated solid rubber tyres, hubs with ball bearings.

2 castors with wheel lock.

Platform height: 340 mm
Interior width: 600 mm
Usable height of stanchions: 550 mm.

	Order no.	Capacity kg	Length mm	Width mm	Height mm	Solid rubber tyres mm	Net weight kg
Trolleys for long goods	2110	1500	700	700	840	200 x 50	62
	2111	1200	2000	600	850	200 x 50	74
	2113	2000	2500	700	920	360 x 75 / 200 x 50	175
	2123	3000	2500	700	920	360 x 75 / 200 x 50	178



WORKPIECE TROLLEYS

To keep things in order • Platform of derived timber material board, surface beech grain • Deachable sides in angular steel superstructure, with welded wire lattice 75 x 75 x 7 mm • Powder coated blue RAL 5007 • 2 castor and 2 fixed wheels, solid rubber tyres, hubs with roller bearings, castors with wheel lock • variably insertable accessories in different types • Powder coated grey RAL 7035



WORKPIECE TROLLEYS



1301



Thorn bracket



Tubular bracket



Tubular bracket



Tubular bracket



Corrugated bracket



Forket bracket



Material box



Material tub



1501



Storage box



Deposit with open storage box

1301

Workpiece trolley, in sectional steel, with welded wire lattice 75 x 75 mm, powder coated, blue RAL 5007. Continuous platform of derived timber material board, surface beech grain.

Wheels: 2 castor and 2 fixed wheels, solid rubber tyres, hubs with roller bearings. Castors with wheel lock. Height of superstructure 1250 mm Total height 1500 mm Wire lattice frame inclined at 11%.

1501

workpiece trolley as 1301, but only 1 deachable wire lattice and 2 supports. Wire-lattice frame inclined at 20%.

Accessories:

Steel welded, powder coated, grey RAL 7035

Thorn bracket

10 mm Ø, Length 200 and 300 mm, Capacity 10 kg

Tubular bracket

16 mm Ø, Length 300 mm, Capacity 15 kg

Tubular bracket

27 mm Ø, Length 300 mm, Capacity 25 kg

Corrugated bracket

Corrugation spacing, 55 mm, Length 320 mm, Capacity 25 kg

Forked bracket

Clearance 50 mm, Length 300 mm, Capacity 25 kg

Material box

L x W x H, 250 x 150 x 80 mm Capacity 25 kg

Material tub

L x W x H = 1200 x 250 x 40 mm Capacity 50 kg

Storage box, open

Polypropylene blue, L x W x H 300 x 230 x 150 mm

Deposit with open storage box

to be screwed onto the lattice wire. Angle steel frame with inserted derived timber material board, 15 mm skirting all around plus 5 open storage boxes.

Dimension 300 x 230 x 150 mm.

	Order no.	Capacity kg	Platform size L x W mm	Solid rubber mm	Net weight kg
Workpiece trolleys	1301	500	1200 x 800	200 x 50	90
	1501	500	1200 x 800	200 x 50	66

	Order no.	Capacity kg	Size mm	Net weight kg
Thorn bracket	1310	10	10 Ø x 200 length	0,3
	1311	10	10 Ø x 300 length	0,4
Tubular bracket	1312	15	16 Ø x 300 length	0,3
	1302	25	22 Ø x 300 length	0,4
	1303	25	27 Ø x 300 length	0,5
Corrugated bracket	1314	25	320 length	0,6
Forket bracket	1305	25	50 LW x 300 mm length	1,0
Material box	1306	25	L x B x H = 250 x 150 x 80	1,1
Material tub	1316	50	L x B x H = 1200 x 250 x 40	7,0
Storage box, open	1307		L x B x H = 300 x 230 x 150	0,5
Deposit with open storage box	1313	50	L x B = 1160 x 260	11

Trolley with carrier spars, a very versatile system for transport and storage of long goods. Carrier spars steplessly adjustable. Trolley completely bolted.

Flat packed delivery.

Modular system

Frame made of sturdy square tube. Cross beams, posts and bars connected with solid screwed joints. Carrier spars made of tubular steel \varnothing 27 mm with screwed joints. Powder coated blue RAL 5007. 2 castor wheels and 2 fixed wheels, hubs with roller bearings. Castors with wheel lock, according to EN 1757-3.

4614 | 4615 | 4616

12 one-side carrier spars, useful length 600 mm, useful height of stand 1450 mm.

Carrying capacity per level 80 kg.

4624 | 4625 | 4626

24 carrier spars on both sides (12 per side), useful length 370 mm, useful height of stand 1450 mm.

Carrying capacity per level 120 kg (60 kg per side).

Outside dimensions L x W x H

4614/4624

1400 x 800 x 1800 mm

4615/4625

1800 x 800 x 1800 mm

4616/4626

2200 x 800 x 1800 mm

Special version: PVC hose

Carrier spars covered with PVC hose, 3 mm thick, as anti-skid protection. Facilitates the careful handling of the goods.

Anti-skidding device

insertable as a stopper at the end of the carrier spar. Useful height: 30 mm
Useful height of PVC hose: 27 mm

Additional charge per trolley with

- one-side carrier spars
- carrier spars on both sides

Additional charge for single carrier spar

Add „AS“ to order no. of the trolleys or carrier spar, e.g. „4614 AS“ or „E4614TA AS“.

Accessories on page 92



4614 | 4615 | 4616



4624 | 4625 | 4626



Trolley with carrier spars with PVC hose



Anti-skidding device

	Capacity kg	Frame L x W mm	Solid rubber tyres mm	Trolley with carrier spars powder coated		Trolley with carrier spars powder coated with PVC hose	
				Order no.		Order no.	
Trolleys with carrier spars	500	1200 x 800	200 x 50	4614		4614-1	
	500	1600 x 800	200 x 50	4615		4615-1	
	500	2000 x 800	200 x 50	4616		4616-1	
	500	1200 x 800	200 x 50	4624		4624-1	
	500	1600 x 800	200 x 50	4625		4625-1	
	500	2000 x 800	200 x 50	4626		4626-1	



Modules for trolleys with carrier spars

Modules for trolleys with carrier spars

Trolleys can be completed with these modules as often as required, e. g. with further posts and carrier spars or cross beams.

Shelves for trolleys with carrier spars

Platform of waterproof plywood 15 mm thick, usable on both sides, one side is smooth, the other side an anti-slip surface (plywood), with fastening clamps.



Shelves for trolleys with carrier spars

		Order no.	
Modules for trolleys with carrier spars	A	Horizontal bar 1200 mm long	E4614HS
		Horizontal bar 1600 mm long	E4615HS
		Horizontal bar 2000 mm long	E4616HS
	B	External post	E4614AP
	C	Middle post	E4614MP
	D	Cross beam (without rolls)	E4614RT
	E	Carrier spar 370 mm long (1 set = 2 pieces)	E4624TA
		Carrier spar 370 mm long with PVC-hose	E4624-1TA
	F	Carrier spar 600 mm long	E4614TA
		Carrier spar 600 mm long with PVC-hose	E4614-1TA

	Size	Order no.	
Shelves for trolleys with carrier spars	1200 x 370 mm	E4624ET	
	1600 x 370 mm	E4625ET	
	2000 x 370 mm	E4626ET	
	1200 x 600 mm	E4614ET	
	1600 x 600 mm	E4615ET	
	2000 x 600 mm	E4616ET	



2032 | 2033 Tyre trucks



4575 Tyre trolleys

2032 | 2033

Tyre truck

Welded, powder coated, surface durably protected, resistant to impact and scratches. Wheels optionally with solid rubber or pneumatic tyres. Hubs with roller bearings. By activating the hand grips, the truck spreads its carrier spars so that the piles of tyres can be taken up and down directly.

4575

Tyre trolley

Tubular steel construction, screwed together, powder coated blue RAL 5007.

4 castors with solid rubber tyres, hubs with ball bearing. 2 wheels with locks.

4585 | 4586

Tyre trolley

Tubular steel construction, screwed together, powder coated blue RAL 5007.

Tyre carrier variable adjustable in intervals of 150 mm with clamps on the face ends.

4 castors with solid rubber tyres, hubs with ball bearing. 2 wheels with locks.

4595 | 4596

Tyre trolley

Tubular steel and steel section construction, powder coated. Shelves with welded wire lattice 140 x 40 mm. Carriers variably insertable within a distance of 120 mm. Due to the joint-like attachment, the carriers adapt automatically to the tyre size. 2 castors and 2 fixed wheels, solid rubber tyres, hubs with roller bearings. Castors with wheel locks.



4585 | 4586 Tyre trolleys



4595 | 4596 Tyre trolleys

	Order no.	Capacity kg	Height mm	Lifting blade length mm	Lifting blade width mm	Total width mm	Solid rubber tyres mm	Pneumatic tyres mm	Net weight kg
Tyre trucks	2032	200	1500	360	580	650	250 x 60		22
	2033	200	1500	360	580	650		260 x 85	20

	Order no.	Capacity kg	Wheel Ø mm	Outside dimensions L x W x H mm	Platform size L x W mm	Net weight kg
Tyre trolleys	4575	200	125	1370 x 670 x 1000	1250 x 600	21
	4585	250	160	1370 x 670 x 1725	1250 x 600	38
	4586	250	160	1540 x 670 x 1725	1420 x 600	40
	4595	400	200	1430 x 620 x 1800	1250 x 610	66
	4596	400	200	1600 x 620 x 1800	1420 x 610	73