

81910 - 81912

Material stand



81910

Type

- With steel roller

- Stable and solid design
- Ball bearing and plastic coated thick walled steel roller with stops that can be pivoted up to the side
- All parts are powder coated

81912

Type

- Stable and solid design
- Ball bearing guide
- All parts are powder coated

Use

For pipes and round materials for easy movement in all directions.

Adjustable height mm	Load bearing capacity kg	Width of rest mm	Rest for round materials up to inch	81910	...	81912	...
405 - 720	200	200	-	-		302	
705 - 1210	200	400	-	-		303	
680 - 1200	500	-	4				201



81140 202

81140

Hydraulic lifting devices



Type

Test certificate UVV7-BGV8 for loads von 5 - 30 t.
All hydraulic machinery jacks can be operated also with an external hydraulic hand pump.

Use

For safe lifting, easy transport, even under small space conditions.

Note:

All types also available nickel-plated.

Technical data:	Type	V5	V10	V15	V20
For cat.-no.		81140 201	81140 202	81140 204	81140 203
Ultimate load	t	5	10	15	20
Working pressure	bar	520	520	520	520
Lowest application height with lifting tongue	mm	15	20	25	30
Lifting height	mm	140	160	160	160
Adjustment of lifting tongue		3 x	4 x	4 x	3 x
Outer dimensions L x W x H	mm	285 x 235 x 252	320 x 240 x 310	353 x 278 x 310	455 x 320 x 325
Weight with oil	approx. kg	21	32	53	72

Type	81140	...
V5	F #	201
V10	F #	202
V15	F #	204
V20	F #	203



81140 201 + 81151 102



81144 - 81145

Rotating transport trolley



81144

Type

360° rotatable. Contact surface of the swivel base with non-slip corrugated rubber covering Ø 170 mm. Pull rod with pull ring incl. of coupling see cat.-no. 81145.

Use

Especially suitable for transporting machines and heavy goods, which have to be moved in narrow space. Heavy goods can be turned and moved to all directions. Several dollies can be used at the same time, depending on the contact points of machine and weight.

81145

Type

Pull rod with pull ring inclusive of coupling. Length 1.080 mm.

Note:

Connecting bars in lengths 1.500 mm and 2.000 mm available on request.



81144 101



81144 103



81145

Type	Load capacity per dolly t	Number of rollers / Ø mm	Built-in height mm	Dimensions L x W x H mm	Weight approx. kg	Chassis 81144	...	Pull rod 81145	...
RL 2	2	3 pcs. / 85 x 85	110	685 x 515 x 110	30	F #	101	#	101
RL 4	4	5 pcs. / 85 x 85	110	760 x 560 x 110	55	F #	103	#	101



81150 - 81151 Machine dollies



Type
Each dolly is available in two versions: **type F with transversally adjustable dolly and type L as steerable chassis.**

Use
One transporting unit always consists of one model each of the F and L-series.
Z. B. total load capacity F 3 and L 3 = 6 t.

81150

Type F

Type

Dolly, adjustable.

The F-series dollies should always be used with the connecting bars.

81151

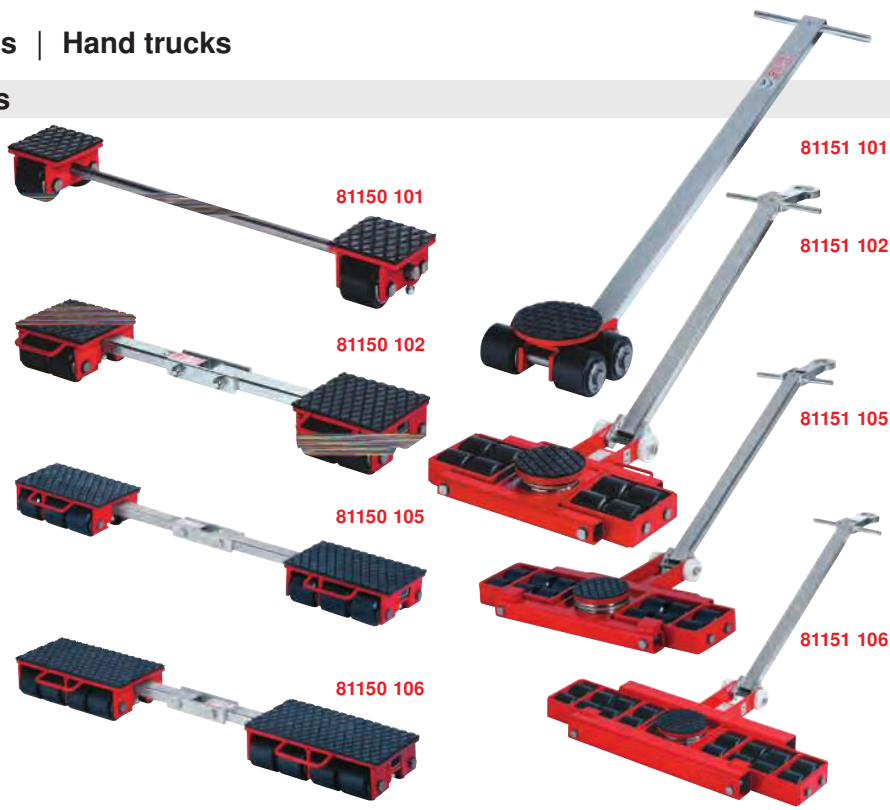
Type L

Type

Dolly, steerable.

Note:

Versions from 6 t to 200 t total weight and customised productions available on request. For clean rooms also available in a nickel-plated version.



Technical data:

Cat.-no.	81150 101	81150 102	81150 105	81150 106	81151 101	81151 102	81151 105	81151 106
Type	F 3, adjustable	F 6, adjustable	F 9, adjustable	F 12, adjustable	L 3, steerable	L 6, steerable	L 9, steerable	L 12, steerable
Load capacity t	3	6	9	12	3	6	9	12
Support rollers 85 x 85 mm	4	8	12	16	4	8	12	16
Support rollers height when assembled mm	110	110	110	110	110	110	110	110
Contact surface per dolly with non-slip fixed non-slip corrugated rubber covering mm	150 x 150	200 x 220	200 x 320	200 x 407	-	-	-	-
Spacer rod, adjustable mm	300 - 1000	640 - 1030	840 - 1230	1014 - 1430	-	-	-	-
Swivel base with thrust bearing, rotatable, steering angle 180° mm Ø	-	-	-	-	170	170	170	170
Pull rod mm	-	-	-	-	950	1080	1080	1080
	-	-	-	-	-	with pull ring	with pull ring	with pull ring
Length x Width mm	-	-	-	-	270 x 230	610 x 520	583 x 840	620 x 1030
Weight kg	15	30	43	52	12	41	59	80

Type	Load capacity t	adjustable		steerable	
		81150	...	81151	...
F 3	3	F #	101		
F 6	6	F #	102		
F 9	9	F #	105		
F 12	12	F #	106		
L 3	3			F #	101
L 6	6			F #	102
L 9	9			F #	105
L 12	12			F #	106

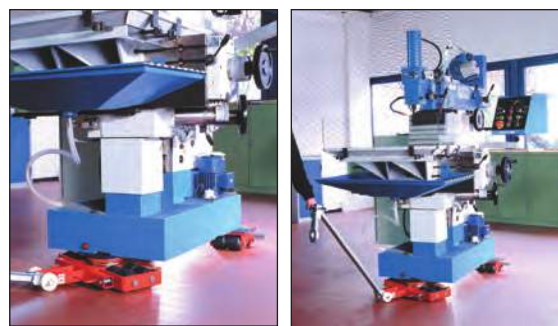


Fig. shows 81150 102 + 81151 102

Facility Equipment

81155 Machine shoes

- 90% of all mounting problems for machines and related units can be solved by using the offered 3 sizes.

- Up to 85% of the vibrations, impacts and noise pollution are ruled out

Advantages:

- Low costs
- No need for a foundation

- Production can start immediately after delivering the machine
- The conversion of your machine park is carried out quickly

Use

The absorbers can be used for fixing machine tools, printing machines, plastic and textile machines and many other machines in different fields.

For selecting the correct damper, certain details are required:

- Weight of the machine
- Number of supporting surfaces for the machine shoes
- Load capacity for each machine shoe

Calculation:

Weight of the machines: Number of supporting surfaces =
Size of the machine shoes



Size	81155	...
1		101
2		102
3		103

Cat.-no.	81155 101	81155 102	81155 103
Size	1	2	3
Diameter (mm)	80	120	160
Height incl. carrying plate (mm)	41	49	59
Levelling range (mm)	41 - 59	49 - 67	59 - 84
Levelling screw	M12 x 1,25	M16 x 1,5	M20 x 1,5
Bolt length (mm)	120	120	170
Load per element (kg)			
for machines and aggregates	50 - 500	400 - 1000	800 - 2500
for presses max. 200 strokes/min.	50 - 120	120 - 250	250 - 800
for presses max. 160 strokes/min.	60 - 140	120 - 350	350 - 1100
for presses max. 125 strokes/min.	70 - 200	200 - 400	400 - 1400

81305

Hand trucks

Type

First-rate workmanship, aluminium tubular steel design with aluminium base plate and high-quality plastic parts.

Wheels with polymer wheels blue-grey (non-marking), hubs with roller bearings.

Handle made of smooth, non-slip material.

Elastic belt and clamping rail for securing the goods to be conveyed.

Base plate and wheels can be folded and unfolded with a flick of the wrist, the handle bar is insertable.

Ready-to-use in just a few seconds.

81305 201

Type

With solid rubber wheels.

81305 202

Type

With air-filled tyres.



Easy transport



Quick assembly



81305 201



81305 202

Load capacity kg	Height mm	Base plate length mm	Base plate width mm	Overall width mm	Folded H x B x T mm	Solid rubber wheels mm	Air-filled tyres mm	Weight approx. kg	81305	...
125	1090	320	480	488	765 x 488 x 64	170 x 35	-	5,2	#	201
250	1190	450	595	660	855 x 660 x 135	-	220 x 70	12,6	#	202

81310

Tubular steel truck / Aluminium truck

81310 201-403

Tubular steel trucks

Type

- Handy tubular steel truck with steel base plate
- Stable welded construction
- Powder coated, blue RAL 5007
- Safety handles
- Steel base plate, can be screwed on and can therefore be replaced
- Wheels with pneumatic tyres and plastic rims
- Hubs with roller bearings
- Delivery unassembled
- **Cat no. 81310 401 with exchangeable plastic skid shoes**

81310 405

Aluminium truck

Type

- Aluminium truck made from tubular aluminium with aluminium base plate
- Very light and handy
- Neatly welded and natural finish
- Safety handles
- With exchangeable plastic skid shoes
- Aluminium base plate, can be screwed on and can therefore be replaced
- Wheels with pneumatic tyres and plastic rims
- Hubs with roller bearings
- Delivery unassembled



81310 201



81310 401



81310 403



81310 405

Load capacity kg	Height mm	Base plate L x W mm	Overall width mm	Pneumatic tyres mm	Own weight kg	81310	...
250	1150	150 x 400	590	260 x 85	12	F #	201
300	1300	250 x 320	580	260 x 85	15	#	401
200	1150	250 x 320	570	260 x 85	11	#	403
200	1300	250 x 320	590	260 x 85	9	#	405

81312

Stair hand truck

81312 100

Type

Tubular steel, blue, welded, powder-coated, shock and scratch-proof.

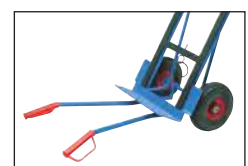
81312 103

Carrying handles (pair)

Suitable for stair hand trucks (cat.-no. 81312 100).



81312 100



81312 103

Load capacity kg	Height x Width mm	Base plate W x L mm	Solid rubber tyres mm	Length x Width	Weight approx. kg	81312	...
200	1300 x 590	320 x 250	160 x 40	-	20,0	F #	100
Carrying handles	-	-	-	850 x 570	3,2	#	103



81315

Steel cylinder transport truck

Type

Solid rubber tyres, tubular steel construction, powder coated, with stand plate and chain retention, wheels with roller bearings.



Number of cylinders x size Litres	Ø mm	Wheels Ø x width mm	Tyres	Weight approx. kg	81315	...
2 x 10	140	200 x 50	Solid rubber	7,0	F #	201
2 x 20	204	250 x 60	Solid rubber	17,5	F #	202
2 x 40 - 50	204 - 229	400 x 80	Solid rubber	33,0	F #	203
1 x 20 - 50	204 - 229	250 x 60	Solid rubber	10,0	F #	204

81400 - 81406

Steering and support rollers

81400 + 81403

Steering wheels

- With wheel and swivel head brake stop-fix
- Housing made from pressed sheet steel
- With twofold ball bearing in the live ring
- Extremely low live ring play
- Long service life
- With live ring seal
- Bolted wheel axle, galvanised chrome plated
- Rim made from pressed sheet steel, galvanised chrome plated

81401 + 81404

Support rollers

- Housing made from pressed sheet steel
- Bolted wheel axle, galvanised chrome plated
- Rim made from pressed sheet steel, galvanised chrome plated

- With stable centre bolt (wheel dimensions 125 x 54 - 200 x 50 mm)
- With live ring seal
- Bolted wheel axle, galvanised chrome plated
- Wheel tread firmly bonded, without tracks
- Die-cast aluminium wheel body, corrosion resistant

81405

Heavy duty steering wheels

- Reinforced
- With wheel and swivel head brake stop-fix
- Housing made from thick pressed sheet steel
- With twofold ball bearing in the live ring
- Dynamically pressed

81406

Heavy duty support rollers

- Reinforced
- Housing made from thick pressed sheet steel
- Bolted wheel axle, galvanised chrome plated
- Wheel tread firmly bonded, without tracks
- Die-cast aluminium wheel body, corrosion resistant

	Solid rubber	Polyamide	Polyurethane
Rolling resistance	sufficient	very good	good
Travelling noise	very good	satisfactory	good
Ground protection	very good	satisfactory	good
Wear	satisfactory	very good	very good
Swing resistance	sufficient	very good	good
Surface hardness	80° Shore A	70° Shore D	92° Shore A
Bearing type	Roller bearing	Plain bearing	Roller bearing
Colour	black	natural white	light brown



Steering wheel

Fixed castor

Tyres	Load bearing capacity kg	Wheel Ø mm	Overall height mm	Tyre width mm	Plate size mm	Screw hole distance mm	Screw hole Ø mm	81400	...	81401	...
Solid rubber	70	100	125	30,0	100 x 85	80 x 60	9			102	102
Solid rubber	100	125	150	37,5	100 x 85	80 x 60	9			103	103
Solid rubber	135	160	195	40,0	140 x 110	105 x 75-80	11			104	104
Solid rubber	205	200	235	50,0	140 x 110	105 x 75-80	11			105	105



Steering wheel

Fixed castor

Wheels	Load bearing capacity kg	Wheel Ø mm	Overall height mm	Wheel width mm	Plate size mm	Screw hole distance mm	Screw hole Ø mm	81403	...	81404	...
Polyamide	150	100	125	37	100 x 85	80 x 60	9			102	102
Polyamide	150	125	150	40	100 x 85	80 x 60	9			103	
Polyamide	200	125	150	40	100 x 85	80 x 60	9			#	103
Polyamide	300	160	195	50	140 x 110	105 x 75-80	11			104	
Polyamide	400	160	195	50	140 x 110	105 x 75-80	11			#	104
Polyamide	300	200	235	50	140 x 110	105 x 75-80	11	#		105	
Polyamide	400	200	235	50	140 x 110	105 x 75-80	11			#	105

Continuation ▶



81400 - 81406

Steering and support rollers

Continuation ▶



Wheel tread	Load bearing capacity kg	Wheel Ø mm	Overall height mm	Wheel width mm	Plate size mm	Screw hole distance mm	Screw hole Ø mm	Steering wheel		Fixed castor	
								81405	...	81406	...
Polyurethane	250	100	130	40	100 x 85	80 x 60	9		101	#	101
Polyurethane	350	125	155	40	100 x 85	80 x 60	9		102		102
Polyurethane	550	160	202	50	140 x 110	105 x 75-80	11	#	103	#	103
Polyurethane	600	200	245	50	140 x 110	105 x 75-80	11	#	104		
Polyurethane	800	200	245	50	140 x 110	105 x 75-80	11			#	104

81508

Hand pallet truck with scale



Type

- Steering wheels with solid rubber tyres
- Tandem fork rollers made from polyurethane
- Scale display in 1 kg increments
- Can be switched between kg/lbs
- Tara and zero function
- Battery operation



81508

Load capacity kg	Fork length mm	Carrying width mm	81508	...
2000	1150	570	F #	601

81511

Hand pallet trucks

Type

- Manufactured as robust steel construction with long service life
- Hydraulics with galvanised housing
- Hard chrome-plated lifting piston
- Overload protection as standard
- Reinforced drawbar
- High quality wheel equipment
- Steering wheels with polyurethane tyres
- Feed rollers (wheel Ø 50 mm) made of nylon makes moving into pallets from the longitudinal side easier
- Yellow paint, drawbar black



81511 301



81511 302



Load capacity kg	Steering wheels	Steering wheels Wheel Ø x Width mm	Tandem fork rollers Wheel Ø x Width mm	Fork length mm	Carrying width mm	Lifting height min.-max. mm	Own weight kg	81511	...
2500	Polyurethane	200 x 50	82 x 68	1150	540	85-195	86	F #	301
2500	Solid rubber	200 x 50	82 x 68	1150	540	85-195	86	F #	302

81514

Pallet trucks



Model M 1000

Type

Rigid welded construction, moveable at any lifting height, fully stable when load is lifted. 3 functions on towing bar handle:

Lifting – Lowering – Pulling.

1 steering wheel with stop lock, viewing guard as standard.

Finish:

RAL 7035 light grey.

Note:

Steering wheels made of Vulkollan available on request.



81514

Load capacity kg	Lifting height mm/ Lift per cycle mm	Outer dimensions L x W x H mm	Fork length mm	Carrying width mm	Steering wheel Ø mm	Roller Ø mm	Weight ca. kg	81514	...
1000	90 - 900/22	1680 x 620 x 1265	1120	570	175 (nylon)	80 (nylon)	207	F #	101
1500	90 - 900/15	1680 x 620 x 1265	1120	570	175 (nylon)	80 (nylon)	272	F #	102





81516 Hand palette truck

Type
 With manual hydraulic lift Welded boom design made of precision profiles, robust body with 2 each steering wheels Ø 200 x 50 mm made of polyurethane and support rollers Ø 80 x 80 70 mm made of solid rubber. Hydraulic unit with large lift per step, overload valve. Sensitive lowering the load with controllable lowering speed. Safety shaft with three functions:

lifting – running – lowering.

Use
 For stacking and transporting goods on pallets.



81516

Load capacity kg	Fork length mm	Load centre mm	Fork height mm	Height lowered mm	Weight approx. kg	81516	...
1000	1122	600	1600	90	205	F #	201

81517 Scissors-Type Lift Truck

Type
 - Load capacity 1000 kg with load distributed equally
 - Robust steel construction with long service life
 - Overload protection as standard
 - Automatic stabilisers support the forklift in a safe manner in the upper position
 - 2 lifting speeds: fast for easy loading, slow for heavy loading
 - High-quality wheel equipment: Steering wheels and scissor roller with polyurethane tyres
 - Yellow finish, drawbar black



81517

Load capacity kg	max. lifting height mm	min. lifting height mm	Fork length mm	Fork width mm	Carrying width mm	Steering wheels mm	Scissor rollers mm	Own weight kg	81517	...
1000	800	85	1150	163	540	180 x 50	75 x 50	18	F #	201

81525 Hydraulic lifting table

Type
 - Platform made of flat sheet steel
 - Ergonomic operating thanks to infinitely adjustable hydraulic height adjustment
 - Safe and risk-free operation due to the hand pushbutton (cable length 4 m) with the functions Up / Down in dead mans control and Emergency Off
 - Overload protection thanks to installed pressure relief valve
 - Integrated pipe rupture valve and maintenance neck provide optimum safety for operation and maintenance
 - Complies with the applicable EN 1570 and employers' liability insurance guidelines

81525 104 System lifting table
Type
 - Particularly stable type permits an increased point loading and load distribution on one side when lifting
 - High cycle time
 - As standard with adjustable limit switch at the top
 - Designed for 30 loading cycles/hour during single shift operation
 - Max. 75 motor starts/hour
Use
 For the professional lifting and lowering of heavy loads, palletised goods and grid boxes at machines.



81525 101-103

81525 101-103 Standard lifting table

Type
 - Designed for 20 loading cycles/hour during single shift operation
Use
 For the professional lifting and lowering of heavy loads, palletised goods and grid boxes at work-places.

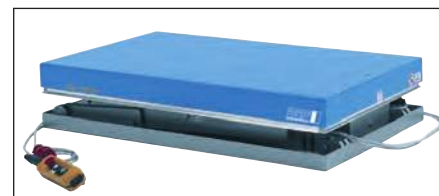


81525 104



81525 104

Capacity t	Lift m	Platform L x W m	Construction height mm	Lifting time sec	Motor output kW	Own weight kg	81525	...
1	0,8	1,25 x 0,80	200	26	0,55	188	F #	101
1	1,0	1,70 x 1,00	220	40	0,55	215	F #	102
1	1,2	2,00 x 1,25	240	44	0,75	270	F #	103
1	1,6	2,50 x 1,50	350	34	3,0	950	F #	104



Facility Equipment

81520

Hand-Operated Table-Type Elevating Platforms



Type

- Pump movement using the foot lever
- Relieving via a handle on the pushing frame
- Space saving thanks to the removable pushing frame
- Standard with high-quality polyurethane tyres
- 2 steering rollers with stop lock as well as 2 support rollers
- Wheel Ø 125 mm, wheel width 35 mm
- Finish: signal yellow, RAL 1003

Use

For transporting loads within the company.



Type	Load capacity kg	Platform L x W mm	Retracted height mm	Extracted height mm	Max. pedal step Number less than	Own weight kg	81520	...
Single scissor	500	850 x 500	285	880	35	82	F #	101
Single scissor	750	1000 x 510	420	1000	50	120	F #	102
Double scissor	350	910 x 500	355	1300	54	136	F #	103

81700

Foldable trolley

Type

Tubular steel, with wooden plate, surface beech-wood design. Pushing frame foldable onto the loading surface. **2 steering wheels and 2 support rollers (steering wheels with stop lock in compliance with EN 1757-3). Solid rubber wheels.** Hubs with roller bearings.

Finish:

RAL 5007 blue, powder-coated.



Load capacity kg	Loading surface L x W mm	Wheel Ø mm	81700	...
150	720 x 450	4 x 125	F #	101
250	900 x 600	4 x 160	F #	102

81701

Bench Trolleys with Grate

Type

Upper tray made of sheet steel, height: 100 mm, oil-proof. Lower shelf with conical downpipe and drain cock 1/2". Upper grate mesh 31 x 31 mm, flush and loosely laid in. Load capacity of the upper shelf 100 kg. Lower sheet steel tray 25 mm high, oil-proof. **2 steering wheels and 2 support rollers (steering wheels with stop lock in compliance with EN 1757-3), solid rubber tyres.** Hubs with roller bearings. Steering wheels with stop lock.



Load capacity kg	Loading surface L x W mm	Number of of shelves	Rack height mm	Wheel Ø mm	81701	...
250	1000 x 600	2	195/890	125	F #	101

81702

Sheet Steel Bench Trolleys

Type

Table trolley with trays, welded steel. Tubular steel frame and trays made of sheet steel bolted. **Trays oil-proof,** edge height 40 mm, powder-coated. **2 steering wheels and 2 support rollers (steering wheels with stop lock in compliance with EN 1757-3). Solid rubber wheels.** Hubs with roller bearing. Load capacity top and lower tray 200 kg.

Finish:

RAL 5007 blue, powder-coated.



Total load capacity kg	Loading surface L x W mm	Number of of base	Rack height mm	Wheel Ø mm	81702	...
400	850 x 500	2	245/865	160	F #	101
400	1000 x 700	2	290/910	200	F #	102
400	850 x 500	3	245/555/865	160	F #	105
400	1000 x 700	3	290/600/910	200	F #	106

Facility Equipment