

Profi forwarding trailers

Technical specification

Forwarding trailers	P11+	P13	P15	P17
Frame structure	Central spar frame			
Central spar dimensions (mm)	200 x 200 x 10	200 x 200 x 10	200 x 200 x 10	300 x 200 x 10
Bogie axle	●	●	●	●
Double-walled in the crane bracket area	–	●	●	●
Frame extension (mechanical) 2,000 mm	●	●	●	●
Fender grille under UVV	●	●	●	●
Front grille area	2.12 m ²	2.38 m ²	2.87 m ²	3.52 m ²
Hydraulic pivoting draw bar with 2 cylinders	●	●	●	●
Stanchion pairs	4	4	4	4
Load capacity in the forest	9 t	11 t	13 t	15 t
Permissible gross weight on public roads	11 t	13 t	15 t	17 t
Empty weight with crane	approx. 3.3 t	approx. 3.6 t	approx. 4.2 t	approx. 4.5 t
Lighting	according to StVZO, integrated in frame, retractable			
Road approval	25 km/h (CoC) ¹	25 km/h (CoC) ¹	25 km/h (CoC) ¹	25 km/h (CoC) ¹
Operating station on draw bar	●	●	●	●
Braking system	hydraulic 2-wheel braking system		4-wheel pneumatic brake system	
Brake surface	300 x 90 mm, 8-hole wheel		406 x 120 mm, 10-hole wheel	
Tyres	380/55-17" 14 PR groove tread	480/45-17" 14 PR groove tread	500/45-22.5" 12 PR stud tread	600/50-22.5" 12 PR stud treads
Rim with valve protection	●	●	–	–
Rim flange reinforcement, pipe socket protection	○	○	●	●
Loading crane	LK 4267	LK 4272	LK 5180	LK 51100
Crane length	6,340 mm	7,140 mm	8,000 mm	9,950 mm
Lifting torque net	40.5 kNm	40.5 kNm	51 kNm	51 kNm
Pivoting torque	15.2 kNm	15.2 kNm	21.5 kNm	21.5 kNm
Crane control	8-way mechanical, 2 control toggles, 2 electrical functions (rocker) for gripper and telescope			
Pm 230 - Double clam shell gripper	●	●	●	●
Crane inspection and initial acceptance, incl. inspection logbook	●	●	●	●

● Series ○ Option – Not available

¹ CoC, EG: Road approval possible depending on the equipment

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Range of accessories	P11+	P13	P15	P17
Tyres				
480/45-17" groove profile with valve protection	○	●	–	–
520/50-17" stud tread with valve protection	○	○	–	–
520/50-17" 159B, forestry wheel	–	○	–	–
560/45-22.5" Trelleborg T404	–	○	○	○
600/50-22.5" Stud tread, forestry rim	–	–	○	●
Brake systems				
4-wheel overrun brake Rückmatik (gross weight 8 t) with hydraulic auxiliary brake	○	–	–	–
4-wheel hydraulic brake	○	○	○	○
4-wheel pneumatic brake system	○	●	●	●
Combi brake (compressed air and hydraulic 4-wheel brake)	○	○	○	○
Loading crane				
Loading crane 4167 (6,620 mm, 41 kNm)	○	–	–	–
Loading crane 4272 (7,140 mm, 40.5 kNm)	○	●	–	–
Loading crane 4177 (7,550 mm, 41 kNm)	○	○	–	–
Loading crane 5180 (8,000 mm, 51 kNm)	○	○	–	–
Loading crane 5280 (7,800 mm, 50 kNm)	○	○	–	–
Loading crane 6180 (8,000 mm, 61 kNm)	○	○	○	○
Loading crane 6280 (7,800 mm, 61 kNm)	○	○	○	–
Loading crane 4282 (7,960 mm, 42 kNm)	○	○	–	–
Loading crane 5287 (8,730 mm, 52 kNm)	○	○	○	–
Loading crane 5186 (8,800 mm, 51 kNm)	○	○	○	○
Loading crane 5286 (8,600 mm, 50 kNm)	○	○	○	○
Loading crane 6186 (8,800 mm, 61 kNm)	○	○	○	○
Loading crane 6286 (8,600 mm, 62 kNm)	○	○	○	○
Loading crane 51100 (9,950 mm, 51 kNm)	–	–	○	●
Loading crane 61100 (9,950 mm, 61 kNm)	–	–	○	○
Z-crane Z4389 (5,700 mm, 40.5 kNm)	○	○	–	–
Z-crane Z5376 (7,600 mm, 51 kNm)	–	○	○	○
Z-crane Z5388 (8,800 mm, 51 kNm)	–	○	○	○
Separate oil supply with piston pump	○	○	○	○
Crane operation with EHC control with radio control unit	○	○	○	○
Crane cable winch extEND 2.0 with radio, pulling force 1.5 t	○	○	○	○
Pendulum with internal Concealed hoses	○	○	○	○
Crane operating hours counter	○	○	○	○
Crane floodlights	○	○	○	○
Frame and construction				
Cut material floor pan or ordinary floor pan	○	○	○	○
Draw bar, bottom hitch	○	○	○	●
Ball head hitch	○	○	○	●
Drive systems				
powerDRIVE wheel hub drive	○	○	○	○
uniDRIVE wheel drive	○	○	○	–

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Dimensions

Profi forwarding trailers		P11+	P13	P15	P17
A [mm] Total length	max.	8,060	8,060	8,060	8,650
	min.	6,140	6,140	6,140	6,730
B [mm] Loading length	max.	5,920	5,920	5,920	6,520
	min.	4,000	4,000	4,000	4,600
C [mm] External width	max. ¹	2,130	2,170	2,700	2,800
	min. ²	1,930	1,930	2,350	2,450
D [mm] Height of hitching eye	max. ¹	770	820	880	880
	min. ²	700	700	790	790
D [mm] Height of hitching eye (bottom hitch)	max. ¹	450	500	560	560
	min. ²	380	380	470	470
E [mm] Grille height above drawbar eye (in case of bottom hitch + 397 mm)		1,390	1,390	1,740	1,740
e [mm] Width protection grille		1,700	1,900	2,100	2,200
F [mm] Bodenfreiheit	max. ¹	460	570	690	690
	min. ²	390	480	610	600
h [mm] Height from centre of axles	max. ¹	2,585	2,950	2,945	2,945
	min. ²	2,185	2,185	2,535	2,420
H [mm] Total height	max. ¹	3,013	3,423	3,484	3,482
	min. ²	2,538	2,538	2,986	2,869
I [mm] Hitching eye to outrigger		1,920	1,920	1,920	1,920
J [mm] Centre of axle to protective grille		2,450	2,450	2,410	2,900
K [mm] Tyre height (static loaded radius)	max. ¹	430	475	538	538
	min. ²	355	355	450	450
L [mm] External width of stanchions		1,870	2,010	2,210	2,310
M [mm] Height crane column	max.	2,120	2,485	2,485	2,485
	min.	1,720	1,720	2,075	1,960
N [mm] Track gauge		1,550	1,550	1,850	1,950
n [mm] Wheelbase		1,120	1,120	1,210	1,300
O [mm] Centre of axle to flange surface		465	465	460	460
P [mm] Height stanchion to centre of axle		1,610	1,760	1,760	2,090
Q [mm] External width extended outriggers		2,970	2,970	3,200	3,200

¹ largest tyre variant

² smallest tyre variant

