

TECHNICAL DATA

LIFT TRANSPORTER MODEL MPEK 250.10.3

Unladen weight:	ca.	55,000 kg	...
Payload:	ca.	255,000 kg	...
Gross weight:	ca.	310,000 kg	...
Swing axle load:	10 x	31,000 kg	...
Total length:	see page 11	13,300 mm	..
Total width:	see page 11	7,000 mm	..
Load area:	see page 11	13,000 x 7,000 mm	..
Platform height lowered:		1,550 mm	..
Driving height loaded/unloaded:	see page 11	1,870 / 1,900 mm	..
Platform height raised:		2,250 mm	..
Total lift:		+ - 350 = 700 mm	..
Number of swing axles:	total:	10
	driven:	3
	braked:	6
	unbraked:	1
Max. tractive force at 400 bar:	see page 12	300,0 kN
Speed on 0% slope, unloaded:		15,0 km/h	..
Speed on 0% slope, loaded:		7,0 km/h	..
Speed on 4% slope, loaded:		2,5 km/h	..
Max. climbing ability with 300,000 kg gross weight:		7,0 %
Outer turning circle:	ca.	7,500 mm	..
Inner turning circle:	ca.	0,0 mm	..
Steering:	electronic—hydraulic multidirectional steering with ...		
Steering programs:	8 switchable steering programs, see page 8, FIG. 01		
Tyres:	carrying axles	40	365/80 R20
Rims:	carrying axles	28	10.00—V20 (10 hole)
	drive axles	12	10.00—V20 (12 hole)
Tyre pressure:	all axles		10,0 bar
Drive system:	diesel engine:	Caterpillar C11 – 250 kW / 2.100 1/min	..
		emissions as per EPA Tier II
	design:	suspended hydraulic unit, under the platform
Drive pumps:	hydromatic:	Tandem pump	A4VG 180/125 EP2DT2/3
	pumping volume	Vg max.	180/125 ccm/rpm
	rated pressure/maximum pressure		400/440 bar
Wheel motors:	hydromatic:	6 units	A6VE107 EP2
	absorption volume	Vg min./max.	0—107 ccm/rpm
	rated pressure/maximum pressure		400/440 bar
Drive axles:	Lohmann&Stolterfoth:	6 units	GFT 34 T2 4208
	ratio:		i = 50.5
Steering pumps:	hydromatic:		A11VL0130 DRS10R
	pumping volume reduced	Vg max.	130 ccm/rpm
	rated pressure/maximum pressure		350/400 bar
Capacity:	hydraulic tank	ca.	340 l
	fuel tank	ca.	500 l
Cab:	One—driver cab suspended on front side of the platform.		
	Cab with all required controls.		
Electrical system:	batteries:	2 x 12 V / 225 Ah	
	generator:	28 V / 85 Amp	
Operating conditions:	temperature min./max.:	-10° C/+50° C	
	climate:	salty air – maritime environment	