

TECHNICAL DATA

LIFT TRANSPORTER MODEL MPEK 320.10.3

Unladen weight:	ca.	33,700 kg
Payload:	ca.	194,300 kg
Gross weight:	ca.	228,000 kg
Swing axle load:	6 x	38,000 kg
Total length:	see page 11	12,300 mm
Total width:	see page 11	5,000 mm
Load area:	see page 11	12,300 x 5,000 mm
Platform height lowered:		1,550 mm
Driving height loaded/unloaded:	see page 11	1,860 mm/1,900 mm
Platform height raised:		2,250 mm
Gesamthub:		+ - 350 = 700 mm
Outer turning circle:		ca. 7,900 mm
Inner turning circle:		ca. 0,0 mm
Steering:	electronic-hydraulic multidirectional steering with resp.	
Steering programs:	8 switchable steering programs, see page 8, FIG. 01	
Number of swing axles:	total:	6
	driven:	2
	braked:	4
	unbraked:	-
Max. tractive force at 400 bar:	see page 12	220,0 kN
Speed on 0% slope, unloaded:		15,0 km/h
Speed on 0% slope, loaded:		5,0 km/h
Speed on 4% slope, loaded:		2,0 km/h
Max. climbing ability with 380,000 kg gross weight:		7,0 %
Tires:	carrying axles	24 x 365/80 R20
Rims:	carrying axles	16 x 10.00-V20 (10 hole)
	drive axles	8 x 10.00-V20 (12 hole)
Tire pressure:	all axles	10,0 bar
Drive system:	diesel engine: DEUTZ KHD BF6M 1013C 161 KW / 2300 RPM emissions as per EPA II / Com II	
design:	suspended hydraulic unit, under the platform.	
Drive pumps:	hydromatic:	1 unit A4VG 180 EP2DT2/3
	pumping volume	Vg max. 180 ccm/rpm
	rated pressure/maximum pressure	400/440 bar
Wheel motors:	hydromatic:	4 units A6VM107 EP2
	absorption volume	Vg min./max. 0-107 ccm/rpm
	rated pressure/maximum pressure	400/440 bar
Drive axles:	Lohmann&Stolterfoth:	4 units GFT 34 T2 4208
	ratio:	i = 50.5
Steering pump:	hydromatic:	1 unit A11V L 095 DRS10R
	pumping volume reduced	Vg max. 95 ccm/rpm
	rated pressure/maximum pressure	350/400 bar
Capacity:	hydraulic tank	ca. 340 l
	fuel tank	ca. 500 l
Cab:	2x One-driver cab each suspended on the front and back side of the platform. Cabs with all required controls.	
Electrical system:	batteries:	2 x 12 V / 180 Ah
	generator:	28 V / 80 Amp
Operating conditions:	temperature min./max.:	-10°C/+50°C
	climate:	salty air – maritime environment

SCHEMATIC VIEW

LIFT TRANSPORTER MODEL MPEK 190.6.2

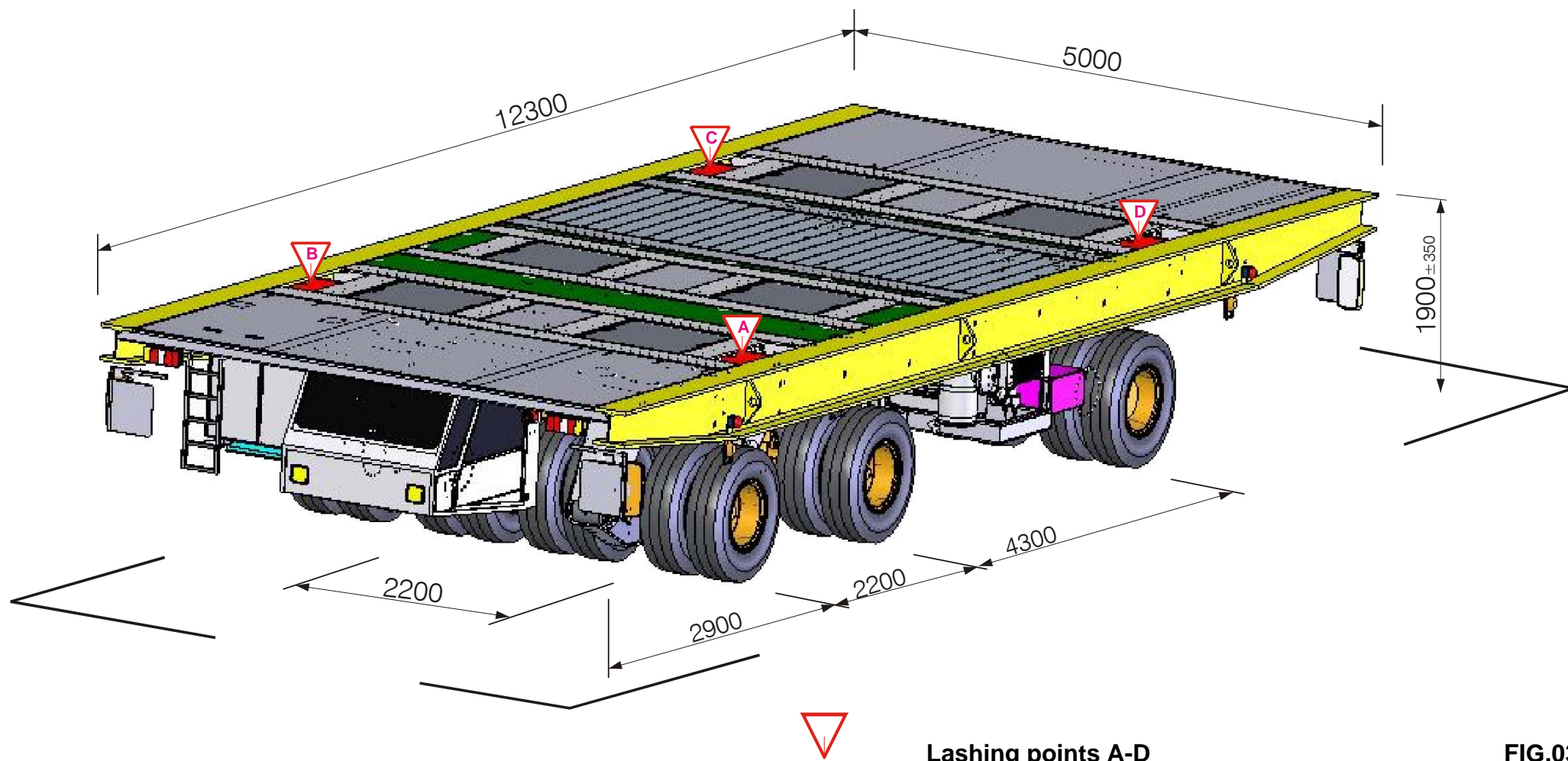


FIG.03