

PRINCIPAL CHARACTERISTICS

Length overall	102.3m
Length of pontoon	99.0m
Beam overall	53.0m
Width inside sidewalls	44.0m
Clear width inside fenders	41.8m
Depth of pontoon	5.5m
Height of sidewalls above baseline	18.7m
Freeboard	2.0m
Max depth water above pontoon deck	11.2m
Maximum draught	16.7m
Maximum allowable vessel draught*	9.2m
Maximum allowable loading	150 t/m
Lifting capacity	12,000 t
Pumping time to raise maximum load	2 hrs
Transfer capacity (MLW)	3500 t
Average transfer load distribution	56 t/m
Maximum distributed transfer load	69 t/m
* Based on 2m block/cradle height	

CLASSIFICATION

Bureau Veritas 1 ✱ hull . Machinery

EQUIPMENT

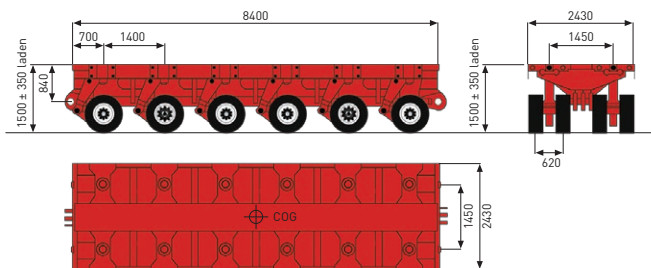
Power generation	Main 1 x 2000kva Emergency 1 x 600 kva
Dewatering pumps	4 x 75 t/min
Fire pumps	2 x 100 t/hr
Manoeuvring	6 x 30 t winches
Control system	automated dock evolution control system
Vessel haul in	4 x 20 t capstan
Vehicle access ramps	4 x berthing trolleys 2 off

Maximum Payload Capacity 4,652 t

Transporter Module PEKZ 210.12.4 18 UNITS

Technical data:

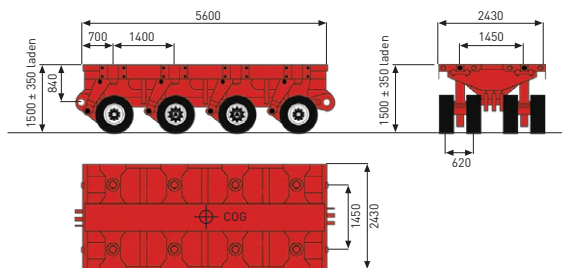
Reference travel speed	1 km/h
Payload, approx.	*) 216.500 kg
Dead weight, approx.	25.900 kg
Admissible gross weight	242.400 kg
Admissible axle load	**) 40.400 kg
Platform dimensions, L x W	approx. 8.400 x 2.430 mm
Platform height, lowered	approx. 1.150 mm
Preferred minimum operating height	approx. 1.250 mm
Platform height, driving position	approx. 1.500 mm
Lifting / compensation stroke	approx. 700 (± 350) mm
Number of wheel bogies, total	12 units
Tractive force at 400 bar	approx. 4 x 60 kN = 240 kN
Brake force	approx. 6 x 55 kN = 330 kN
Tyres	24 x 355/50-20 Solid
Type of steering / steering angle	Rack and pinion gear / approx. +130° / -100°
Adm. bending moment for platform	approx. + 7.785 kNm / -6.262 kNm



Transporter Module PEKZ 140.8.2 3 UNITS

Technical data:

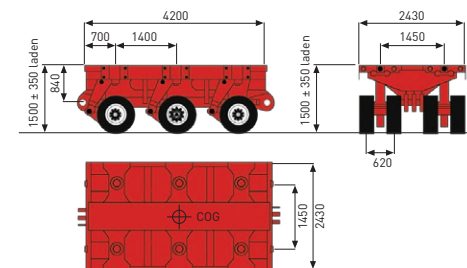
Reference travel speed	1 km/h
Payload, approx.	*) 144.100 kg
Dead weight, approx.	17.500 kg
Admissible gross weight	161.600 kg
Admissible axle load	**) 40.400 kg
Platform dimensions, L x W	approx. 5.600 x 2.430 mm
Platform height, lowered	approx. 1.150 mm
Preferred minimum operating height	approx. 1.250 mm
Platform height, driving position	approx. 1.500 mm
Lifting / compensation stroke	approx. 700 (± 350) mm
Number of wheel bogies, total	8 units
Tractive force at 400 bar	approx. 2 x 60 kN = 120 kN
Brake force	approx. 4 x 55 kN = 220 kN
Tyres	16 x 355/50-20 Solid
Type of steering / steering angle	Rack and pinion gear / approx. +130° / -100°
Adm. bending moment for platform	approx. +7.785 kNm / -6.262 kNm



Transporter Module PEKZ 100.6.2 3 UNITS

Technical data:

Reference travel speed	1 km/h
Payload, approx.	*) 107.600 kg
Dead weight, approx.	13.600 kg
Admissible gross weight	121.200 kg
Admissible axle load	**) 40.400 kg
Platform dimensions, L x W	approx. 4.200 x 2.430 mm
Platform height, lowered	approx. 1.150 mm
Preferred minimum operating height	approx. 1.250 mm
Platform height, driving position	approx. 1.500 mm
Lifting / compensation stroke	approx. 700 (± 350) mm
Number of wheel bogies, total	6 units
Tractive force at 400 bar	approx. 2 x 60 kN = 120 kN
Brake force	approx. 3 x 55 kN = 165 kN
Tyres	12 x 355/50-20 Solid
Type of steering / steering angle	Rack and pinion gear / approx. +130° / -100°
Adm. bending moment for platform	approx. +7.785 kNm / -6.262 kNm



All Self Propelled Modular Transporters built by Scheuerle Germany.

*) Stated payload without dead weight of PPU or other accessories **) Axle limit load including additional loads and max. driving distances up to 2,000 m