

Product specification

Customer
PNO Finland OY
FI-04150 Martinkylä

Auftragsnummer / Auftragsdatum
1136076 / 13.09.2013
Sachbearbeiter
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Date: 06.07.2023
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Equipment: F0595601
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T 010.030 Design A 30
T 000.040 FIN-registration (Finland)
T 000.100 Without country symbol sticker
T 001.328 Lettering on name plate: Typ: SD, certificate no.
 e1*2007/46*0232
T 001.100 Max registered king pin load: 14.000 kg
T 001.200 Max registered Axle load: 27.000 kg
T 001.300 Allowable gross vehicle weight: 41.000 kg
T 001.040 Max technical tow bar load: 14.000 kg
T 001.057 Max practical axle load: 27.000 kg Gross vehicle weight:
 41.000 kg
T 500.001 Suitable for towing vehicle according to ISO 1726
T 500.005 Distance from Kingpin to centre of support device: 2.267 mm
T 002.300 5th wheel height unloaded: 950 mm

Chassis

A 100.012 Double T-longitudinal beams and cross members including
 side rave with cross members and extensions all fully
 welded construction
A 100.103 [02] # Award winning Multilock side rave including load securing
 [02] # positions every 100 mm
 [02] # [TO TRANSLATE!!!]
 [02] # Nachtragsdatum: 19.09.2013
A 100.310 Neck height: 102 mm (including floor and saddle plate)
A 100.014 2" King pin (corner dimension: 2.040 mm)
A 110.005 Rear bumper for RoRo service, swivelling, with safety chain
A 100.072 Side guard

A 273.010	Huckepack design for railway operation (4 grappler pockets / coloured), rear bumper for RoRo-service
A 033.100	10 pairs of post pockets 81 x 81 mm in side rave and 10 post pockets 81 x 81 mm centrally positioned in the floor
A 429.101	6 Stanchions with total length 2.300 mm
A 420.135	Note: Post pockets / plug in posts not designed for the sole cargo securing
A 300.600	For load area length: 13.620 mm
A 491.000	For load area width: 2.480 mm
A 100.317	additional trestle plate, 3 mm, 1.400 mm long
A 003.000	4 pairs of ferry shackles according to PREN 29367-2
A 001.000	Pull out ladder at rear
A 001.020	Door catch

Supporting legs

B 028.001	2 mechanically operated landing legs, 2 x 12 tonnes capacity, semicircular with base plate, Brand: Jost
B 001.000	Landing legs operated from right side
B 028.012	Landing leg crank extended (for Huckepack design)
B 028.011	Reinforcement of landing legs strut at the rear: approx. 45 degrees Attention: restricted clearance for later installation of a pallet box!

Axles/Suspension

C 000.004	3 axles each with a load capacity of 9.000 kg
C 120.000	Track width: 1.965 mm
C 143.003	Distance from kingpin to centre of axle unit = 7.650 mm
C 100.015	Wheel base: 1.310 / 1.310 mm
C 043.110	With raise and lower valve, including auto reset valve, in lowering position with fixed position
C 138.900	BPW axles with split airbags
C 145.010	KM-counter Axle cap, mechanical design, at centre axle, right side
C 038.000	Rims centrally aligned
C 075.124	BPW axles (19.5") with air suspension and disc brakes, Offset 120
C 075.960	Disc brakes 370 mm

Tyres (rims)

D 410.010	6 x 445/45 R 19.5, brand Michelin
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D 185.100 Without spare wheel
D 130.021 tread: Michelin XTA 2+ Energy
D 300.000 Rims centred

Spare wheel carrier

E 006.001 Winch in central position in front of the axles

Mud guards

F 002.010 Wheel covering according to EC-regulations
F 010.001 Spray suppression according to EC guideline
F 002.112 mud flap with "PNO-Logo"

Brakes

G 000.103 Brake system according to EC-re. 71/320//EWG ff or ECE R 13
G 082.000 Spring parking brake
G 079.001 Brake air pipes, approx. 800 mm above platform level
G 102.010 Diagnostics by ISO7638 plug connection (EBS supply cable)
G 039.004 2 wheel chocks
G 033.000 Wheel chock(s) with chain
G 072.002 Additional Duomatic coupling for air system
G 085.100 EBS-braking system, 2S/2M, 2 sensors on 1 axle
G 088.520 Braking system, brand: Wabco
G 088.200 EBS-Modulator with RSS (Roll Stability Support)
G 088.500 Attention: The trailer is only allowed on towing vehicles
with compatible braking systems!

Light

H 000.001 Lights according to EC-regulations 76/756/EWG ff or UN ECE
Regulation No. 48
H 000.004 including side reflectors (under 900 mm)
H 045.027 2 number plate lights (LED)
H 007.002 Electric-cable connection at front , approximately 300 mm
above platform
H 071.010 LED Side marker lights
H 070.000 2 outline marker lights with rubber-arm
H 014.015 Position of the first side marker light designed for 3-axle
tractor units
H 001.000 24 volt, at front, with 7-channel power socket DIN ISO 1185
H 080.000 7-channel-power socket DIN ISO 3731 at front, for add.uses
H 005.120 Multi functional rear lights, brand: Aspöck Europoint

H 031.001 Including 1 fog light
H 021.001 Including 1 reverse light

Accessories

I 130.018 Trapezium shaped steel buffers at outer rear + delta profile
I 130.013 Delta steel buffers across rear frame
I 010.017 2 warning plates ECE R 70 (red/yellow), on rear doors, in plastic foils, horizontal
I 017.000 1 Orange warning plate, foldable (without number)
I 057.003 Post store left side for 6 plug in posts
I 011.021 Post store suitable for plug in posts with a total length of 2.300 mm

Floor

W 000.052 Type: BO 13620 B
W 048.110 30 mm thick, phenolic coated plywood floor, sectioned area fully waterproofed and sectional areas sealed. Resistance according to DIN 283; for floor loadings up to 7.000 kg forklift axle load.
W 048.105 Premium floor sealing

Roof frame

M 000.120 Type: AB 13620 AP, dimensions:13620 mm inside length x inside width
M 483.000 Aluminium cant rail, continuous, for support of sliding curtain and sliding posts
M 695.114 EDSCHA sliding roof (175) with plastic joints, height 175 mm, gradient 0 mm, suitable for transport of mesh containers according to DIN 15155
M 550.000 Side access height, floor to cant rail at front: 2.860 mm
M 550.005 Side access height, floor to cant rail at rear: 2.860 mm
M 550.570 Internal height with closed roof: 3.000 mm
M 551.000 Rear access height (through rear frame): 2.845 mm
M 560.010 Codification in accordance with DIN EN 13044 with ILU-code, without self-recognition to the owner Codification shield
M 550.804 total height (unloaded) with lowered air suspension, max. 4.000 mm by Huckepack with railway operation, King Pin 850 mm on support trestle with code "d" = (HK-Profil P 400) and max. 4020 mm by Huckepack with railway operation, King Pin 880 mm on support trestle with code "e" and "f" and

- "g" and "i" HK Profil P 402
- M 550.825 Important information: rail transport allowed only with the side access height mentioned above (basic setting of roof respectively to top level)
- M 550.830 Attention: For the use of vehicles in combined transport, for information please visit <http://www.krone-trailer.com/download/information-zur-verpflichtungserklaerung/>
- M 550.850 Hucklepack operation Code XL (for transport over 120 to 140 km/h)
- M 743.110 Lifting roof, hydraulic, liftable up to 500 mm at 4 corner posts separately
- M 743.121 Adjustable driving height, front, lowering device from basic position 150 mm (in 50 mm steps), reduced lift: 350 mm
- M 743.122 Adjustable driving height, rear, lowering device from basic position 100 mm (in 50 mm steps), reduced lift: 400 mm
- M 080.005 Rubber lip seal at cant rail: grey
- M 072.001 Roof also movable to rear (roof curtain fixable to front roof cover and if necessary diagonal tension has to be released before moving)
- M 458.000 EDSCHA sliding roof with reinforced steel cross members
- M 080.000 Diagonal roof spanning
- M 044.011 5 Set(s) of wooden planks (96x25 mm)

Front wall

- N 253.008 Steel front wall with bolted corner posts, side loading restricted
- N 253.010 Front wall inner reinforced with plywood
- N 129.001 Holder for curtain cord at front wall
- N 129.020 Delta shaped profile at the Coupling bearing
- N 281.002 [02] Quick release for side curtains on front wall
- [02] Nachtragsdatum: 19.09.2013

Rear wall

- N 303.001 Steel container rear doors including bolted steel frame, integrated door locks and concealed door hinges; roof traverse hinged and movable
- N 350.001 Loading width at rear doors 2.480 mm
- N 308.015 Rear wall painted
- N 224.101 Door locks with tilt locking

N 224.001 Double door locks for container rear door
N 281.010 Curtain clamping device at rear frame with ratchet
N 089.504 Fixing of tensioning pole (sliding roof) on rear wall

Drop sides

N 239.000 Without drop sides

Posts (stakes)

P 010.013 3 pairs of side posts, positioned opposite each other symmetrically, with 6 different mounting positions on each side of the chassis, Loading width between side posts 2.480 mm
P 011.011 Plank pockets for stanchions: 1 set on floor level suitable for 4 sets of planks
P 011.002 5 sets of plank pockets in stanchions

Accessories

R 086.000 Without customs seal
R 050.004 PVC document box at front wall, left side, diagonally mounted, brand: Sauermann
R 050.010 Note: angular mounted (approx 10 degrees)
R 105.035 Sticker 'Load security certified' (VDI 2700 / EN 12642 XL)
R 105.030 [02] 2 Hazardous material sign pockets, curtain fabric (grey),
[02] 310x360mm, on rear wall
[02] Nachtragsdatum: 19.09.2013
R 105.031 [02] 2 hazardous material sign pockets, curtain fabric (grey),
[02] 310x360mm, on front wall
[02] Nachtragsdatum: 19.09.2013

Curtain

S 395.001 [04] # 1 PVC curtain, with full lengths vertical reinforcements,
[04] # top with rollers for sliding, bottom with tensioners,
[04] # materialquality 850 gr./m²
[04] # [TO TRANSLATE!!!]
[04] # Nachtragsdatum: 23.09.2013
S 072.000 PVC curtain according to railway regulations
S 058.101 Curtain with PVC above the slats for protection against gripper edges
S 451.021 Anti tilt load security with brakes, made from stainless steel, lock release below

S 381.001		Curtain provided for sliding roof
S 460.001		Curtain produced accordingly to fit pre-adjusted roof height
S 100.002		Roof curtain yellow
S 100.005		Roof curtain ADR, DIN 75200 in 680 gr. design
S 089.000		TIR cord fitted
S 071.103	[02]	pockets for hazardous material signs on curtain, 310x360 mm
	[02]	(3 left/3 right)
	[02]	Nachtragsdatum: 19.09.2013
S 456.005		Curtain pole strap with integrated grip handle
S 100.031		White, reflective part outline markings on both sides of curtain, ECE-R48
S 100.026		red, reflective outline marking on rear door, ECE-R48

TÜV-Approval

Z 010.002		Approval of the EC certificate of conformity according to Annex IX of Directive 2007/46/EC approval: e1*2007/46*0232*05
Z 002.011		Manufacturer certification
Z 050.005		Load security certificate according EN 12642 Code XL
Z 900.000		Attention: by pick up of trailer please note the vehicle's total height. We have special att. to the following points: 1) The common carrier is in authority for damages. 2) For the transfer of the vehicles, we assume no liability. 3) The carrier must seek self-About a permit under § 29 of Road Traffic Regulations.

Painting

X 000.021		Type: paint 13620 S
X 001.002		Steel parts are shot blasted, KTL-primer coated and powder coated
X 056.006		Advice-Sticker "Take care, high trailer" on the front wall, right side
X 056.007		Fleet numbers, height 100 mm, black adhesive film Placing: on front wall in driving direction on l.h.s. bottom Fleet no. = license number!
X 060.000		ILU-code according to DIN EN 13044, side and top

1. Color : 1

Position 10040

X 122.000 4 sides labeling
X 122.000 -on the sides
X 122.000 -at the back
X 122.000 -in front
X 122.000 Contact person: Petteri Heino
X 122.000 Email: petteri.heino@pno.fi
X 600.001 Clearing Labeling over the customer is nessessary
X 600.000 [03] Designnumber: BK-NYB-P002

. Color :

Position

X 600.000 Nachtragsdatum: 19.09.2013

1. Color : 1

Position 10040

X 998.147 Chassis including side rave MB 7350 NOVA GREY SDGL
X 998.130 Axles including hub RAL 9005 JET BLACK
X 998.890 Attachment parts BLACK OR GALVANIZED
X 998.537 Upper structure (front wall/rear portal/rear wall) RAL 9010 PURE WHITE
X 998.212 Rims SILVER NATURE
X 998.272 Side guards WHITE POWDER COATED
X 998.242 Rear bumper/light panel WHITE POWDER COATED
X 998.742 Side posts (Curtain sider) PRIMER COATED
X 998.831 Landing legs RAL 9005 JET BLACK
X 998.828 Ferry shackles RAL 1004 GOLDEN YELLOW
X 998.847 Gripper edges RAL 1004 GOLDEN YELLOW
S 998.100 Curtain colour: RAL 5011 STEEL BLUE