



parcisa

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QUOTATION

Quotation: **PR-012246-3.**
CID#: **CL_012706**
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Creation date: **16/05/2019**

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CUSTOMER

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Item number: **16481**
Quantity: **1**

**x6 SRC 30000 LITRES 2 COMPARTMENTS SEMITRAILER TANKER, ATP
IN CERTIFIED, COMPRESSIBLE 2 bar, FOR THE TRANSPORT OF
FOODSTUFF**

1.1 TANKER CHARACTERISTICS

Tank type	Self supporting semitrailer
Tank construction standards	ATP 2.0 bar (foodstuffs transport)
CE (PED) approval	Included
Tank shape	Straight cylindrical
Tank Diameter (mm)	2.000
Working pressure	2.0 bar.
Gross capacity (litres)	30000
Barrel material	Stainless steel
Barrel material quality	AISI-304L
Outer dish ends type	Spun torispherical (Korbbogen)
No. of baffles	1
Inner dish ends type	Spun torispherical (Korbbogen)
Notes	Central baffle in compartment no. 2 with big type down hole for easy discharging of dense products

1.2 COMPARTMENTS

No. of compartments	2
1st compartment capacity (litres)	6000
2nd compartment capacity (litres)	24000

1.3 INITIAL THICKNESS

Shell thickness	2.50 mm.
Dished ends thickness	4.00 mm.
Bulkheads thickness	6.00 mm.



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1.3 INITIAL THICKNESS

Baffles thickness	3.00 mm.
Notes	A.T.P. <i>The thicknesses indicated in this contract correspond to the initial nominal thicknesses according to the norms that can apply for dimensional tolerances. These initial thicknesses could be reduced up to a maximum of 10% during the manufacturing processes</i>

2.1 INSULATION AND CLADDING

ATP Certification	IN
Cladding material	0,6 thickness stainless steel, bright finish
Cladding front end type	Polyester
Cladding rear end type	Polyester
Cladding joint type	S/s strips with rubber gasket
Cladding strips material and finish	BA (brilliant) finish stainless steel
Strips rubber gasket colour	Black

3.1 MANHOLES

Manholes	3
Brand & Type	Insulated & electropolished Ø500 mm Parcisa brand
Fixing bolts quantity	6
Bolts type	S/s swing-bolts with brass thread
Insulated manhole cover neck rings	Included
Manlids gaskets material	Nitril for foodstuff
Manhole lid opening	To the front
Top spillbox type	Individual, square shaped, over the cladding, without isolation.
Manhole spillboxes quantity	3
Spillboxes lids	Double leaf, s/s, no isolation.
Spillbox lid/s opening	Front - rear
Spillbox lid/s type	Symmetric
Spillbox drains type	Individual, piped down the tank
Drain pipe/s diameter	D. 40 mm.

3.2 SAFETY AND RELIEF VALVES

Vent valves	Stainless steel twin act 1 1/2" Fort Vale <i>The valves are intended for absorb small changes in volume caused by temperature fluctuations during transport. In any case, they are intended for entry or escape of air when gravity discharge or filling.</i>
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4.1 FOOTVALVES

Footvalve/s type	Manual top operated
Footvalve/s brand	Standard Parcisa
Footvalve/s diameter	100 mm.



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4.2 OUTLETS

Outlet/s type	Manifold under and longwise the barrel
Discharging pipes track	Isolated and heated
Manifold outlet	Rear
Diameter of the collector pipe	100 mm.
Manifold outlet valve type	Manual butterfly valve
Manifold outlet valve make	Standard Parcisa
Collector outlet connection	DIN 11851 coupling
Diameter of manifold outlet valve	100 mm.
Notes	Butterfly valve on manifold close to the 2nd compartment outlet to be able to isolate each compartment for discharging.

5.1 DETACHABLE MANIFOLD

Detachable rear manifold diameter	100 mm.
Exit coupling of manifold on left side	Valve
Valve type on manifold left side	Butterfly manual
Valve diameter on manifold left side	100 mm.
Coupling type on manifold left side	DIN 11851 coupling
Manifold exit 1	Valve
Manifold valve type	Butterfly mechanic
Valve diameter on manifold exit port	100 mm.
Coupling type on manifold exit port	DIN 11851

6.1 PUMPS

Pump 1	Lobe rotor
Pump 1 model	Unibloc 551 with heat chamber geared by 7,5 CV electric motor <i>Electric control box included</i>
Pump 1 box	Big rear box, for outlets and pump. Brilliant finish
Electrical board functions	Start-Stop, turn inverter, Converter 220-380V, automatic, with overload protection
Electrical board location	Into an individual box
Cable reel	Included <i>With 15m cable and socket</i>

7.1 HEATING SYSTEM

Heating coil type	For hot water
Lines no.	6
Inlet	Rear, inside unloading box
Outlet	Rear side, with safety valve and thermodynamic drain
Heating coil test pressure	2,00 kg/Cm2.



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7.2 HEATING SYSTEM

Heating system	Hot water heating <i>Into a stainless steel box</i>
Heater model	Webasto thermo 300
Expansion tank	At the front
Fuel tank	Plastic inside the box
Valvulas de corte circuito	Included
Thermostat	Analogical
Connection system	Plug connection
Location of the system	Left side between landing legs and 1st axle

8.1 CIP SYSTEM

CIP line diameter	50 mm.
CIP inlet valve	Manual butterfly valve
CIP ascent line location at rear	Outside the cladding
CIP type	Cleaning balls
Inlet to each compartment on top	x3 Inlets, one per each neckring. Common for both, CIP and pressure air line. See point 9.1
Spray balls quantity	5 units : 1x C1 + 4x C2
Plug for extra hose for top washing	Included <i>With 1/2" valve and hose</i>
Flexible piece in manifold to absorb dilatations	Included
Notes	For compartment 2, branches in two pieces and inlet on neckrings in order to have an inverted T with the balls on the points. No box to keep these parts when dismantled. Supports to be inside each spillbox. Plugs included for when the branches are dismantled.

9.1 PRESSURE AIR LINE

Airline type	Through the CIP system <i>With safety valve and pressure gauge on inlet</i>
Airline material	Stainless steel
Airline diameter	50 mm.
Airline ascent pipe location	Outside the cladding
Airline inlet/s	2 inlets: rubbing plate right side + at rear, inside discharging cabinet
Inlet coupling type	S/s Elaflex coupling MK-50 2"/ VB-50 2"
No. of connections per compartment	1
Inlet valve to each compartment	x3 Inlets, one per each neckring with 2" butterfly pneumatic valve each. Pneumatic controls to be into a PVC box inside the discharging cabinet at rear. x1 control to open the valve for C1 + x1 control to open the 2 valves for C2. Common inlets for both, CIP and pressure air line.
Valve for decompressing the line	Included
Non-returning valve	Uniact 1 1/2"



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9.1 PRESSURE AIR LINE

Notes

Full system with bacterio filter included, non returning valve, safety valve and pressure gauge, inside discharging box, with 2 possibilities: 1st to enter through the filter with butterfly valve to isolate from the 2nd that will be to put air directly without filtering.

10.1 BACTERIOLOGICAL FILTER

Bacteriological filter brand	Donaldson
S/s filter housing	Included
No. of filters	1
Filter/s model	Ultrafilter, for pressure, conection 1 1/2" Gas
Filter/s location	Inside the rear cabinet, with by-pass for filtered and non-filtered air
Notes	In vertical position and with drain on the lower point.

11.1 TOP ATTACHMENT

Cladding protection side rail	One side only. Ø22 mm st/st
Top dome/s access ladder	Stainless steel BA (brilliant)
Ladder location	Rear, left side
Collapsible handrail	Stainless steel 1m height
Handrail raise/lower system	Hand driven, at ground level with a handle in the ladder
Brakes locked when handrail is raised	Included
Catwalk material	Aluminium
Catwalk location	Left side and between manholes (not at same level) <i>Not at same level</i>
Catwalk width between manholes	400 mm.
Dipstick type	Stainless steel, 2.000x20x5 mm

12.1 HOSECARRIERS

Hosecarriers quantity	2
1st Hosecarrier type	Simple tube
Location	Right side
Material	BA stainless steel
Type	Tube
Diameter	150
Length	6.000 mm.
Door type	Rear and front
2nd Hosecarrier type	Simple tube
Location	Left side
Material	BA stainless steel



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12.1 HOSECARRIERS

Type	Tube
Diameter	150
Length	6.000 mm.
Door type	Rear and front
Notes	Hosecarriers rear doors to be into the rear discharging cabinet

13.1 CHASSIS

Chassis material	Stainless steel, matt finish
Connection supports - chassis	Welded
Rear bumper	Aluminium Aspock, CE standards

14.1 RUNNING GEARS

GVW	34 T
Axles load	10 T
King pin load	24 T
Empty weight (Approx)	7.400 Kg \pm 5%
Rubbing Plate	8 mm Duplex Steel + 2" bolted Pin
Rubbing Plate height	1.200 mm.
Axles brand	SAF
Axles quantity	3
Maximum load per axle (Tonnes)	9
Suspension type	Pneumatic
Suspension supports type	Mild steel
Brake type	D430 mm Disc
Raise/Lower system	Manual up-down system
Lifter/s no.	1 1st Axle
Notes	EBS to be protected on top and front by a st/st plate in order to avoid salt (front) and caustic (top) splashes.

14.2 BRAKE SYSTEM

Brake system	E.B.S.
E.B.S. Configuration	2S/2M (1 axle sensorized)
Brake system brand	Wabco

15.1 TYRES AND RIMS

Tyres quantity	7
Tyres size	Michelin 385/65 R22.5 X MULTI T
Rims quantity	7
Rims material	Aluminium



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15.1 TYRES AND RIMS

Rims model	Alcoa 22.5X11.75
Rims offset	Offset 120
Rims finish	Durabright
Spare wheel support	Standard Parcisa matt 2B
Wheel tool wrench	1

16.1 LANDING LEGS

Landing legs brand	Jost L500
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17.1 ATTACHMENT

Side protection bars	x2, aluminium made, one fixed and other hinged.
Mudguards	PVC Black colour with anti-spray flaps
Anti-spray flaps no.	2
Fire extinguishers no.	1
Fire extinguishers capacity	6 Kg.
Fire extinguishers box(es) no.	1
Fire extinguishers box/es	PVC, individual box
Wheel chocks no.	2
Ferry hooks	4
Sealing system	Welded washers on all susceptible parts
"C" Spanner	Racord DN-50 a DN-80 y DN-80 a DN-120

18.1 TOOL BOX

Total of toolboxes	1
Toolbox type	Stainless steel BA 740x500x500
Toolbox location	Left side, between landing gears and 1st axle

19.1 THERMOMETERS

Thermometer/s no.	2
Thermometer/s type	Analog -20° to +160
Notes	Right side

20.1 COUPLINGS

DIN 11851 Ø80 - Elaflex MK-80	Included
DIN 11851 Ø100 - Ø80	Included
Barren couplings box	Included
Location	Into the discharging box



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21.1 ELECTRICAL SYSTEM

Lights kit	Aspock Europoint III
Upper lights	Aspock Led squared model
Reversing motion sound alarm	Included <i>Connected to reverse motion signal</i>
Light inside discharging box	Included

22.1 FINISHING

Inner tank finish	Passivated
Cladding dish ends finish	Acrylic paint (no metallic)
Cladding dish ends colour	White
Running gear finish	OEM coating and finish in axles, hubs and landing legs
Reflective bands	Both sides and rear dish end
Labelling	Not included
Other marks	"Nur für Lebensmittel" on both sides.

23.1 DOCUMENTS AND TESTS

X-ray report	Included
Gauging certificate	Total each compartment
Certificate of Conformity	Included
Homologations Certificate	Included
Warranty	1 year
Warranty certificate	Included



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