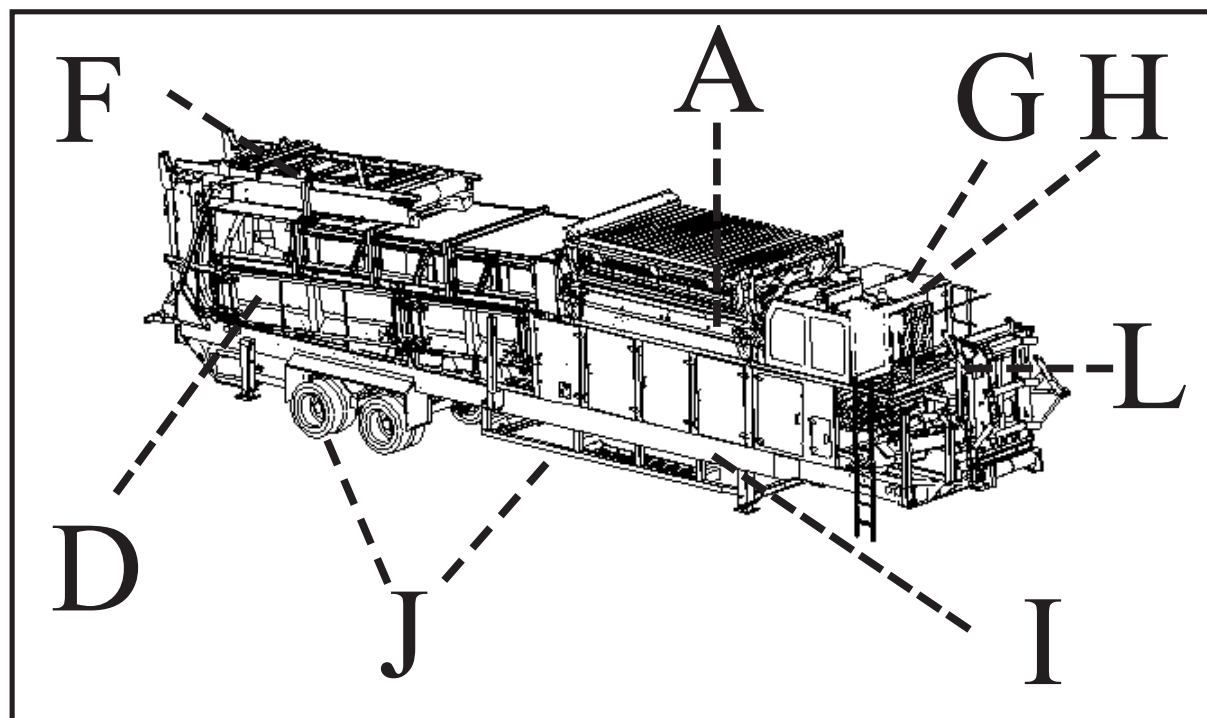


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1.1 General information

Machine	:	Mobile screening machine
Type	:	TROMMEL 725 LOW LOADER
Machine Serial Number	:	
Engine/ Electric Motor Serial Number:		
Total weight	:	26.230 kg (28.850 US Tons)
Total weight (incl. vibrating grid)	:	27,720 kg (61.110 lbs)
Overall dimensions	:	Refer designs in Section 10, "Appendix"
Weight of construction units	:	Refer to pertinent data on the following pages
Dimensions of construction units	:	Refer to pertinent data on the following pages

1.2 Nomenclature and technical data



Id	Construction unit	Component
A	Fedder unit	Reject grid Feed hopper Feeder conveyor
D	Screen unit	
F	Tail conveyor	
G	Power unit	Engine
H	Hydraulic system	
I	Chassis	Tyres
J	Collection conveyor	
L	Radial conveyor	

1.2.1 Feeder unit (A)

1.2.1.1 Reject grid

Loading height	: 3.22 m (10'6"
Loading area	: 3.50 m x 1.30 m (11'5" x 4'3")
Loading height with extensions	: 3.80m (12'5"
Loading area with extensions	: 3.7m x 2.02m (12'1" x 6'7")
Grid bar aperture	: 150mm (6") - 300mm (12")

Vibrating grid

Loading height	: 4.72 m (15'5"
Loading area	: 3.80 m x 2.15 m (12'5" x 7'1")
Screen drum:	: 3.05 m x 2.14m (10" x 7")
Screen angle	: 10° - 20°

1.2.1.2 Feed hopper

Capacity	: 3.51 m ³ (4.11 m ³)
-"- with extensions	: 5.7 m ³ (6.81 m ³)

1.2.1.3 Feeder conveyor

Belt width	: 1,050 mm (42")
Type	: 3 ply

1.2.2 Collection conveyor (J)

Belt width : 1,200 mm (48")
Type : 2 ply

1.2.3 Screen unit (D)

1.2.3.1 Trommel

Screen drum : 1.80 m x 7.62 m (6' x 25")
Screen area : 31.60 m² (333 ft²)

1.2.3.2 Screen meshes

Type : Woven mesh
(light and heavy duty)
Screen size : 1.200mm x 1.175mm (4' x 3'10")

Type : Punch plate
Dimensions : 1,200mm x 1,175mm x 10mm

1.2.4 Tail conveyor (F)

Belt width : 1,200 mm (48")
Stockpile Height : 3.55 m (11'7")
Type : 2 ply, Chevron
Degree of incline:
Working angle : 16-24°

1.2.5 Power unit (G)

1.2.5.1 Engine

Refer to engine operation manual in section 10, Appendix

1.2.5.2 Electric Hydraulic machine

3 phase 380 - 415 Volts (depending on normal country voltage)

1.2.5.2 Battery

Type	:	12 Volt, negative earth
Cranking Power	:	810 amps SAE

1.2.6 Hydraulics (H)

1.2.6.1 Hydraulic hoses

Type	Diameter	Working pressure	Test pressure	Burst pressure
2 SN-K "Semperpac 1" DIN 20022 Part 3	3/4"	3500 psi	7395 psi	14210 psi
R1 AT DIN 20022 Part 3	3/16"	3570 psi	8700 psi	14500 psi
	1/4"	3210 psi	7830 psi	13050 psi
	5/16"	3070 psi	7395 psi	12325 psi
	3/8"	2570 psi	6307 psi	10440 psi
	1/2"	2295 psi	5582 psi	9280 psi
	5/8"	1855 psi	4567 psi	7540 psi
	3/4"	1500 psi	3697 psi	6090 psi
	1"	1255 psi	3045 psi	5075 psi
	1 1/4"	900 psi	2175 psi	3625 psi
	1 1/2"	715 psi	1740 psi	2900 psi
	2"	570 psi	1392 psi	2320 psi
R2 AT DIN 20022 Part 4	3/16"	5930 psi	14355 psi	23925 psi
	1/4"	5710 psi	13920 psi	23200 psi
	5/16"	5000 psi	12180 psi	20300 psi
	3/8"	4710 psi	11527 psi	19140 psi
	1/2"	3930 psi	9570 psi	15950 psi
	5/8"	3570 psi	8700 psi	14500 psi
	3/4"	3070 psi	7395 psi	12325 psi
	1"	2355 psi	5655 psi	9425 psi
	1 1/4"	1785 psi	4350 psi	7250 psi
	1 1/2"	1285 psi	3190 psi	5220 psi
	2"	1140 psi	2827 psi	4640 psi

1.2.7 Chassis (I)

1.2.7.1 Wheels

For wheel stud torques, see section 8, adjustment data

1.2.7.2 Tyres

Size (Dual wheels) : 245 / 70 R19.5

1.2.8 Radial conveyor (L)

Belt width : 1,050mm (48")
 Type : 2 ply, Chevron
 Stockpile Height : 4.40 m (14'5")
 Rotating angle : 180°