





## **TECHNICAL HIGHLIGHTS**

- ▶ Frequency-controlled vibrating feeder
- Diesel-electric drive concept

- Option for external power supply (optional)
- Independent vibrating double-deck prescreen

## **TECHNICAL INFORMATION MR 122 Z**

Vibrating feeder         Width x Length (mm)       1,200 x 3,500         Prescreening       double-deck heavy-piece scree         Type       double-deck heavy-piece scree         Width x Length (mm)       1,200 x 2,300         Side discharge conveyor (optional) 5)       Vidth x Length (mm)         Discharge height approx. (mm)       3,300         Crusher       SHB 12/100         Crusher uilet width x height (mm)       1,270 x 1,000         Crusher weight approx. (kg)       19,500         Rotor diameter (mm)       1,300         Crusher drive type / approx. (kW)       electric, 250         Crushing capacity with concrete/rubble up to approx. (t/h)       310 21	Feeding unit	
Feed height (with extension) (mm)         4,600 (5,200)           Hopper volume (with extension) (m³)         8 (17)           Width x Length (with extension) (mm)         2,800 x 4,300 (3,600 x 4,700           Vibrating feeder           Width x Length (mm)         1,200 x 3,500           Prescreening           Type         double-deck heavy-piece scree           Width x Length (mm)         1,200 x 2,300           Side discharge conveyor (optional) **)           Width x Length (mm)         650 x 6,000           Discharge height approx. (mm)         3,300           Crusher         SHB 12/100           Crusher used trusher type         SHB 12/100           Crusher weight approx. (kg)         19,500           Rotor diameter (mm)         1,300           Crusher drive type / approx. (kW)         electric, 250           Crushing capacity with concrete/rubble up to approx. (t/h)         310 21	Feed capacity up to approx. (t/h) 1)	475
Hopper volume (with extension) (m³)   8 (17)     Width x Length (with extension) (mm)   2,800 x 4,300 (3,600 x 4,700     Vibrating feeder     Width x Length (mm)   1,200 x 3,500     Prescreening     Type   double-deck heavy-piece scree     Width x Length (mm)   1,200 x 2,300     Side discharge conveyor (optional)     Width x Length (mm)   650 x 6,000     Discharge height approx. (mm)   3,300     Crusher     Impact crusher type   SHB 12/100     Crusher weight approx. (kg)   19,500     Rotor diameter (mm)   1,300     Crusher drive type / approx. (kW)   electric, 250     Crushing capacity with concrete/rubble up to approx. (t/h)   310     Crushing capacity with concrete/rubble up to approx. (t/h)	Feed size max. (mm)	1,250 x 1,000
Width x Length (with extension) (mm)  Vibrating feeder  Width x Length (mm)  Prescreening  Type  double-deck heavy-piece scree Width x Length (mm)  Side discharge conveyor (optional) 5)  Width x Length (mm)  Discharge height approx. (mm)  Crusher  Impact crusher type  Crusher inlet width x height (mm)  Crusher weight approx. (kg)  Rotor diameter (mm)  Crusher drive type / approx. (kW)  Crushing capacity with concrete/rubble up to approx. (t/h)  Tigo x 4,300 (3,600 x 4,700  A,000 x 4,300 (3,600 x 4,700  A,000 x 4,300 (3,600 x 4,700  A,000 x 4,700  A,000 x 4,300 (3,600 x 4,700  A,000 x 4,700  A,000 x 4,700  A,000 x 4,300 (3,600 x 4,700  A,000 x 4,000  A,000 x	Feed height (with extension) (mm)	4,600 (5,200)
Vibrating feeder       Uid the x Length (mm)       1,200 x 3,500         Prescreening         Type       double-deck heavy-piece scree         Width x Length (mm)       1,200 x 2,300         Side discharge conveyor (optional) 51         Width x Length (mm)       650 x 6,000         Discharge height approx. (mm)       3,300         Crusher         Impact crusher type       SHB 12/100         Crusher inlet width x height (mm)       1,270 x 1,000         Crusher weight approx. (kg)       19,500         Rotor diameter (mm)       1,300         Crusher drive type / approx. (kW)       electric, 250         Crushing capacity with concrete/rubble up to approx. (t/h)       310 21	Hopper volume (with extension) (m <sup>3</sup> )	8 (17)
Width x Length (mm)  Prescreening  Type  double-deck heavy-piece scree Width x Length (mm)  1,200 x 2,300  Side discharge conveyor (optional) 51  Width x Length (mm)  Discharge height approx. (mm)  Crusher  Impact crusher type  Crusher inlet width x height (mm)  Crusher weight approx. (kg)  Rotor diameter (mm)  Crusher drive type / approx. (kW)  Crushing capacity with concrete/rubble up to approx. (t/h)  Type  double-deck heavy-piece scree double-deck heavy-piece scree double-deck heavy-piece scree 1,200 x 2,300  Store discharge conveyor (optional) 51  2,300  Type  double-deck heavy-piece scree double-deck heavy-piece scree double-deck heavy-piece scree 1,200 x 2,300  Store discharge conveyor (optional) 51  Type  double-deck heavy-piece scree 1,200 x 2,300  Store discharge conveyor (optional) 51  Type  double-deck heavy-piece scree 1,200 x 2,300  Type  SHB 12/100  1,270 x 1,000  1,270 x 1,000  Type  Crusher drive type / approx. (kW)  electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h)  310 21	Width x Length (with extension) (mm)	2,800 x 4,300 (3,600 x 4,700)
Type double-deck heavy-piece scree Width x Length (mm) 1,200 x 2,300  Side discharge conveyor (optional) 5)  Width x Length (mm) 650 x 6,000  Discharge height approx. (mm) 3,300  Crusher  Impact crusher type SHB 12/100  Crusher inlet width x height (mm) 1,270 x 1,000  Crusher weight approx. (kg) 19,500  Rotor diameter (mm) 1,300  Crusher drive type / approx. (kW) electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h) 310 21	Vibrating feeder	
Type double-deck heavy-piece scree Width x Length (mm) 1,200 x 2,300  Side discharge conveyor (optional) 5)  Width x Length (mm) 650 x 6,000  Discharge height approx. (mm) 3,300  Crusher  Impact crusher type SHB 12/100  Crusher inlet width x height (mm) 1,270 x 1,000  Crusher weight approx. (kg) 19,500  Rotor diameter (mm) 1,300  Crusher drive type / approx. (kW) electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h) 310 21	Width x Length (mm)	1,200 x 3,500
Width x Length (mm)  Side discharge conveyor (optional) 5)  Width x Length (mm)  Discharge height approx. (mm)  Crusher  Impact crusher type  Crusher inlet width x height (mm)  Crusher weight approx. (kg)  Rotor diameter (mm)  Crusher drive type / approx. (kW)  Crushing capacity with concrete/rubble up to approx. (t/h)  1,200 x 2,300  650 x 6,000  3,300  650 x 6,000  3,300  650 x 6,000  1,300  1,270 x 1,000  1,270 x 1,000  1,270 x 1,000  1,300  1,300  1,300  1,300  1,300  1,300	Prescreening	
Side discharge conveyor (optional) 51  Width x Length (mm) 650 x 6,000  Discharge height approx. (mm) 3,300  Crusher  Impact crusher type SHB 12/100  Crusher inlet width x height (mm) 1,270 x 1,000  Crusher weight approx. (kg) 19,500  Rotor diameter (mm) 1,300  Crusher drive type / approx. (kW) electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h) 310 21	Туре	double-deck heavy-piece screen
Width x Length (mm)650 x 6,000Discharge height approx. (mm)3,300CrusherSHB 12/100Impact crusher typeSHB 12/100Crusher inlet width x height (mm)1,270 x 1,000Crusher weight approx. (kg)19,500Rotor diameter (mm)1,300Crusher drive type / approx. (kW)electric, 250Crushing capacity with concrete/rubble up to approx. (t/h)310 21	Width x Length (mm)	1,200 x 2,300
Discharge height approx. (mm)  Crusher  Impact crusher type  SHB 12/100  Crusher inlet width x height (mm)  Crusher weight approx. (kg)  Rotor diameter (mm)  Crusher drive type / approx. (kW)  Crushing capacity with concrete/rubble up to approx. (t/h)  3,300  SHB 12/100  1,270 x 1,000  1,270 x 1,000  1,300  electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h)	Side discharge conveyor (optional) 5)	
Crusher       Impact crusher type     SHB 12/100       Crusher inlet width x height (mm)     1,270 x 1,000       Crusher weight approx. (kg)     19,500       Rotor diameter (mm)     1,300       Crusher drive type / approx. (kW)     electric, 250       Crushing capacity with concrete/rubble up to approx. (t/h)     310 ²¹	Width x Length (mm)	650 x 6,000
Impact crusher type  Crusher inlet width x height (mm)  Crusher weight approx. (kg)  Rotor diameter (mm)  Crusher drive type / approx. (kW)  Crushing capacity with concrete/rubble up to approx. (t/h)  SHB 12/100  1,270 x 1,000  1,500  19,500  electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h)	Discharge height approx. (mm)	3,300
Crusher inlet width x height (mm) 1,270 x 1,000  Crusher weight approx. (kg) 19,500  Rotor diameter (mm) 1,300  Crusher drive type / approx. (kW) electric, 250  Crushing capacity with concrete/rubble up to approx. (t/h) 310 21	Crusher	
Crusher weight approx. (kg)     19,500       Rotor diameter (mm)     1,300       Crusher drive type / approx. (kW)     electric, 250       Crushing capacity with concrete/rubble up to approx. (t/h)     310 ²¹	Impact crusher type	SHB 12/100
Rotor diameter (mm) 1,300 Crusher drive type / approx. (kW) electric, 250 Crushing capacity with concrete/rubble up to approx. (t/h) 310 21	Crusher inlet width x height (mm)	1,270 x 1,000
Crusher drive type / approx. (kW) electric, 250 Crushing capacity with concrete/rubble up to approx. (t/h) 310 2)	Crusher weight approx. (kg)	19,500
Crushing capacity with concrete/rubble up to approx. (t/h) 310 2)	Rotor diameter (mm)	1,300
	Crusher drive type / approx. (kW)	electric, 250
	Crushing capacity with concrete/rubble up to approx. (t/h)	310 2)
Crushing capacity with asphalt up to approx. (t/h) 265 39	Crushing capacity with asphalt up to approx. (t/h)	265 <sup>3)</sup>
Crushing capacity with limestone up to approx. (t/h) 350 4)	Crushing capacity with limestone up to approx. (t/h)	350 <sup>4)</sup>

Vibrating extractor	
Width x Length (mm)	1,300 x 2,600
Crusher discharge conveyor	
Width x Length (extended) (mm)	1,400 x 10,000 (11,500)
Discharge height approx. (extended) (mm)	3,700 (4,200)
Power supply unit	-
Drive concept	diesel-electric drive
Scania (Tier 3/Stage IIIA) (kW)	365 (1,500 rpm)
Scania (LRC) (kW)	365 (1,500 rpm)
Generator (kVA)	540
Transport 4)	
Transport height approx. (mm)	4,106
Transport length approx. (mm)	18,200
Transport width max. (mm)	3,085
Transport weight approx. (kg)	65,000

<sup>&</sup>lt;sup>1)</sup> dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

Standard features: Hydraulically foldable feed hopper / Frequency-controlled vibrating feeder / Radio remote control / PLC control with LCD display / Control cabinet, double dust encapsulation, lockable, suspended and with over pressure system / Swivel arm for changing the blow bars / Spray system for dust reduction / Lighting

Options: Hopper extension / Side discharge conveyor / Electromagnetic separator, permanent magnet or magnet preparation / Extension for crusher discharge conveyor (hydraulically foldable) / Preparation for installation of belt scale / Belt covers for side discharge conveyor (aluminium, tarpaulin) / Remote maintenance via GSM modem / External power supply / Socket 110 V

 $<sup>^{2)}</sup>$  for final grain size 0 - 56 mm with approx. 10 - 15% oversize grain

<sup>3)</sup> for final grain size 0 - 32 mm with approx. 10 - 15% oversize grain

<sup>4)</sup> for final grain size 0 - 100 mm with approx. 5 - 10% oversize grain