

3.6 Technical data



The technical data applies to the basic equipment of the models described in these operating instructions.

The technical data may deviate in the case of models with special equipment.

Length / width / height

4.0 Compact 1612			
	Length (mm)	Width (mm)	Height* (mm)
12 m ³	7,530	2,550	2,560
13 m ³	7,530	2,550	2,650
16 m ³	8,640	2,550	2,650
4.0 Premium 2215			
	Length (mm)	Width (mm)	Height* (mm)
15 m ³	7,980	2,550	2,960
19 m ³	8,710	2,550	2,940
22 m ³	9,040	2,550	3,060

*up to the top edge of the discharge flap on the loading conveyor belt

Tyres

	Compact 12 m ³ / 13 m ³ / 16 m ³	Premium 15 m ³ / 19 m ³ / 22 m ³
Tyres at the front	385/65 R22.5 / 495/45 R22.5	385/65 R22.5 / 495/45 R22.5
Tyres at the rear	27x10-12 / 28x12.5-15	28x12.5-15 / 355/50 R22.5

Track width / wheel outer width / turning radius

	Compact 12 m ³	Compact 13 m ³	Compact 16 m ³
Track width (mm)	1,920	1,920	1,920
Outer width (mm) with 385/65 R22.5 tyres	2,300	2,300	2,300
Outer width (mm) with 495/45 R22.5 tyres	2,410	2,410	2,410
Outside turning circle (mm)	4,500	4,500	5,750

	Premium 15 m ³	Premium 19 m ³	Premium 22 m ³
Track width (mm)	1,920	1,920	1,920
Outer width (mm) with 385/65 R22.5 tyres	2,300	2,440	-
Outer width (mm) with 495/45 R22.5 tyres	2,410	2,550	2,550
Outside turning circle (mm)	4,600	6,500	7,400

Weight of basic machine when empty

	4.0 Compact 1612			4.0 Premium 2215		
	12 m ³	13 m ³	16 m ³	15 m ³	19 m ³	22 m ³
Net weight (kg)	10,500	10,700	11,500	11,150	12,250	13,400

Diesel engine**Overview**

Model	Type
4.0 Compact 12 m ³	TAD570VE 105 kW
4.0 Compact 13 m ³ / 16 m ³	TAD571VE 129 kW / TAD572 VE 160 kW
4.0 Premium 15 m ³ / 19m ³ / 22 m ³	TAD571VE 129 kW / TAD572 VE 160 kW

Engine data

Type (exhaust classification IV)	TAD570VE	TAD571VE	TAD572VE
Power kW (PS)	105	129	160
Cylinder capacity (cm ³)	5,130	5,130	5,130
Weight (kg)	583	583	583
Fuel	Diesel fuel to DIN EN 590	Diesel fuel to DIN EN 590	Diesel fuel to DIN EN 590

Electrical system

	4.0 Compact 1612			4.0 Premium 2215	
	12 m ³	13 m ³	16 m ³	15 m ³	22 m ³
Number of batteries	2x12 V 70 Ah			2x12 V 70 Ah	
Operating voltage	24 V			24 V	
Power consumption of the hydraulic oil pre-heating	0.08 kW/h			0.08 kW/h	

Emission sound pressure level

	4.0 Compact 1612			4.0 Premium 2215	
	12 m ³	13 m ³	16 m ³	15 m ³	22 m ³
Cabin door closed/open	77 dB(A) / 88 dB(A)			77 dB(A) / 88 dB(A)	

Vibration emissions

The driver's seat built into the machines of the SILOKING SelfLine model range meets EC Directive 78/764/EEC.

3.6.1 Permitted Service Pressures**Maximum permissible service pressure of the hydraulic system**

High pressure line	420 bar
Medium pressure line	175 bar (work functions) 150 bar (fans)
Low pressure line	30 bar

Maximum permissible service pressure of the compressed air system

Service pressure	8.5 bar
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