

## Trommelsiebmaschine HIPPO 6200E

Mobile drum screening machine on 2-axis chassis



## Function description:

The **HIPPO 6200E** is a mobile drum screening machine with a drum length of 5,500 mm and a diameter of 2,000 mm, which offers an outstanding screening performance in 2 fractions. The material of the horizontally aligned drum is conveyed through the screening area by a welded-in steel screw. The sieve drum is kept clean by a cleaning brush. This also enables the screening of cohesive materials. A drive chain ensures reliable and low-noise power transmission to the screening drum. The drum is changed without tools via two doors; which extend over the entire side wall. For the cleaning of the screen drum area, 4 doors allow very good access. This means that the screening drum does not have to be lifted out during cleaning.

### Specifications:

#### Transport position:

Machine length	12,840 mm
Machine height	3,700 mm
Machine width	2,800 mm

#### Working position:

Machine length	14,700 mm
Machine height	3,400 mm
Machine width	6,800 mm

### Feed hopper

Conveying speed infinitely adjustable from 0.5 – 6 m/min

Feed rate	approx. 5 m <sup>3</sup>
Feed side	possible on both sides in the direction of travel
Feed height	2,700 mm
Feed width	4,000 mm
Belt width	1,200 mm

### Screen drum:

Drum length	5,500 mm
Drum diameter	2,000 mm
Drum shell area	30 m <sup>2</sup>
Drum material thickness	5 - 10 mm
Drum hole width	5 - 80 mm
Drum speed	5 - 30 rpm infinitely adjustable

### Screen drum doors:

Quantity:	4 pieces
Drum door frame	, hot-dip galvanized
Cladding sheet	steel (optional stainless steel)

### Cleaning brush:

Diameter	700 mm
Mechanical adjustment	
Location	Driving Direction Left

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#### Bankverbindung

Landessparkasse zu Oldenburg  
IBAN-Nr.: DE11 2805 0100 0000 9369 71  
BIC: SLZO DE 22 XXX

#### Bankverbindung:

VR Bank Oldenburg Land eG  
IBAN-Nr.: DE51 2806 6214 1200 4073 02  
BIC: GENO DEF 1 WDH

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**Discharge conveyor belts: (hot-dip galvanized)**

Fine belt length	5,000 mm
Fine belt width	800 mm
Usable discharge height	3,100 mm
Speed	2.0 m/sec.
Oversize belt length	5,000 mm
Oversize belt width	800 mm
Usable discharge height	3,400 mm
Speed	1.0 m/sec. Inclination: hydraulically foldable

**Drives:**

Total installed capacity	24 kW
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**Chassis:**

2-axle central trailer	
Tyres	285/70 R19,5
Total weight	approx. 12,000 kg
Tensile eyelet	D = 40mm

**Lacquering:**

Sheet metal surfaces	RAL 6021
Frame parts	RAL 3027

**Control:**

Automatic start function, which starts first the belts, then the screening drum and then the bunker. When stopped, the functions are shut down in reverse order, which can cause the screen drum and the belts to run dry.

Pre-bunker overload protection available

Subject to technical changes

**Prices**

Standard HIPPO 6200 E machine, including:

1. Fine-grained tape/ cross-belt
2. Oversize belt
3. Stepless speed control for the oversize belt
4. Drum overload control
5. Cleaning brush
6. Two support punches at the front and two at the back
7. Tensile eyelet 40 mm according to DIN
8. Remote control

**Kits:**

9. Other Screen Drums
10. Two-sided bunker elevation
11. Diesel generator set for power generation
12. Stainless steel cladding V2A
13. Painting according to customer requirements
14. Road approval 80 km/h according to StVO.
15. Magnetic separator (permanent magnet pulley)

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