

# DRUM SCREEN SM 720.2 SA



## DIMENSIONS

|                       |              |
|-----------------------|--------------|
| Chassis               | Semi-trailer |
| Total weight (kg)     | 24000        |
| Length (mm)           | 17000        |
| Width (mm)            | 6900         |
| Height (mm)           | 4000         |
| Transport width (mm)  | 2550         |
| Transport height (mm) | 4000         |
| Transport length (mm) | 13350        |

## DRIVE

|   |                   |                   |
|---|-------------------|-------------------|
| Engine type                             | diesel engine     | electro-hydraulic |
| Marke                                   | Deutz TCD 3.6 L4  | Three-phase motor |
| Exhaust level/energy-efficiency class   | Stage V / Tier 4f | IE4               |
| Motor power (kW)                        | 85 (at 1800 rpm)  | 75                |
| Fuel tank (l)/electrical connection (A) | 400               | 150               |
| Torque (Nm)                             | 480 (at 1600 rpm) | 481 (at 1485 rpm) |

## DISCHARGE CONVEYOR

|                  |                      |
|------------------|----------------------|
| Width (mm)       | 1000                 |
| Length (mm)      | 5500 (3000*) *option |
| Belt speed (m/s) | 1,6                  |
| Height (mm)      | 3500                 |

## DISCHARGE CONVEYOR SIDE

|                  |      |
|------------------|------|
| Width (mm)       | 1000 |
| Length (mm)      | 5500 |
| Belt speed (m/s) | 3,1  |
| Height (mm)      | 3500 |

## SCREEN DRUM

|                                  |                        |
|----------------------------------|------------------------|
| Diameter (mm)                    | 2000                   |
| Length (mm)                      | 7100                   |
| Mesh size (mm)                   | selectable, 3 - 150 mm |
| Mesh type                        | selectable             |
| Drum wall thickness (mm)         | selectable             |
| Drum speed (min-1)               | 0-24                   |
| Screening area (m <sup>2</sup> ) | 38,8                   |

## Applications

Like all Doppstadt SM machines the SM 720.2 SA happily accepts waste and raw materials of all types for screening. It is equally suitable for compost, earths, light construction waste, wood, biomass, sand, and gravel.



## Advantages

- Maximum throughput capacity at high- quality screening results due to extra large screening area
- Many options to meet various requirements
- Large size feeding hopper and extra long output conveyors allow feeding of the machine with large front loaders
- Low operation costs due to powerful drive at low fuel consumption, short set-up time
- Unique load sensing feeder control makes sure that the capacity of the machine is used at the optimum in safe operation without interruption.
- Extensive standard safety equipment (e.g. intrusion protection, emergency stop, machine monitoring)
- European road approval