



TYRON hybrid

HAAS Hybrid Technology
The mobile, electric pre-shredder



TYRON hybrid

The primary shredder containing the Viking, the HAAS TYRON is well known for high throughput rates, outstanding reliability and flexibility! The new hybrid version of the primary shredder is a mobile, electric version. This TYRON combines the convenience of a mobile machine with the energy efficiency of a stationary plant.

HAAS Tracking Portal

Machine data and operating conditions in a clear overview.



HAAS Power Upgrade

reinforced hydraulic system, 30 % more power and throughput!



Discharge Conveyor

- 1400 mm wide
- individual discharge height up to 5.1 m
- with steel core or MOR conveyor belt
- conveyor speed adjustable
- adjustable tilt angle
- with stainless steel head drum (for use with magnet)



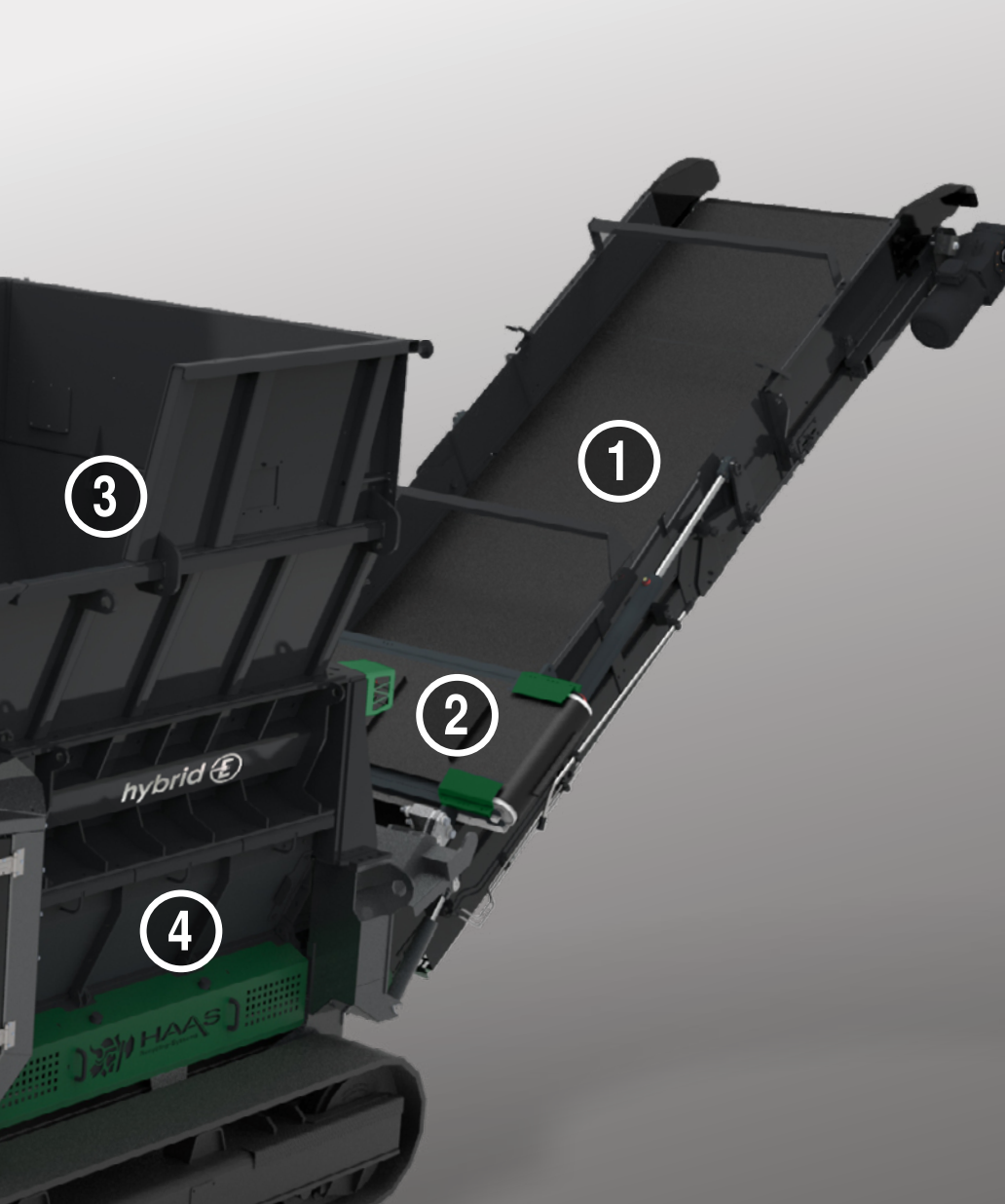
Powerful overband magnet

- hydraulically height adjustable
- tilt angle additionally manually adjustable
- extra strong neodymium magnet available



Dust minimisation

- minimise dust emissions in the areas:
 - feed hopper
 - discharge conveyor
 - material discharge



POWERFUL & EFFICIENT:

- No exhaust emissions during operation
- Minimal maintenance
- Significant CO2 reduction
- Low energy costs
- High energy efficiency



Maintenance friendly shredding compartment

- wide opening side doors
- easy access
- highest safety standard secured with key transfer system



Efficient drive

- 280 kW electric motor
- 43 kW diesel power unit for mobility
- integrated acoustic insulation
- reversible fan
- traffic light system for operating status
- fire extinguishing system



Big feeding area

- tilting hopper with load dependent control
- extended feeding area due to additional hopper extension



Remote control

- start/stop automatic mode
- moving the machine
- magnet height adjustment
- reversing the shafts
- operating the tilting hopper
- emergency stop button



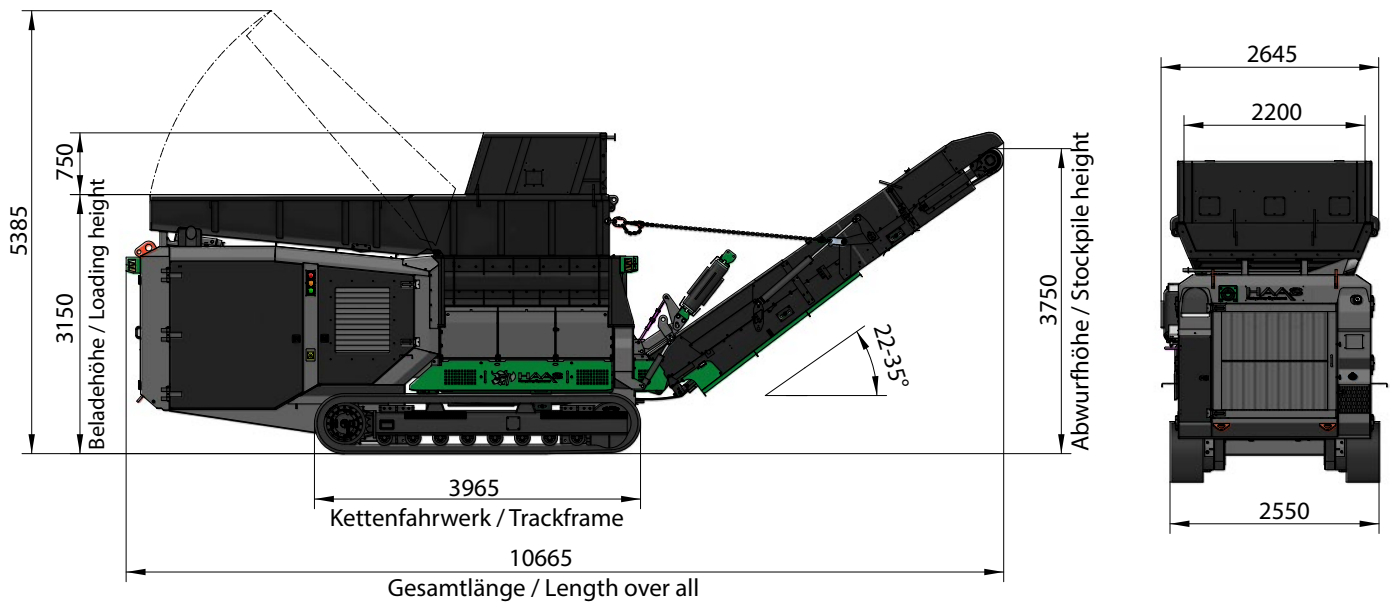
Connection system

- the TYRON can be conveniently connected to the mains.



Multifunctional control

- control board and management of the machine data
- configuration of dynamic shredding programs
- input/output test electrical system
- all languages available
- diagnosis via HAAS Tracking Portal
- WIFI access (machine data on tablet/mobile phone)



Easily up to 100 t/h throughput



MSW Municipal Solid Waste



Domestic Waste



Mattresses



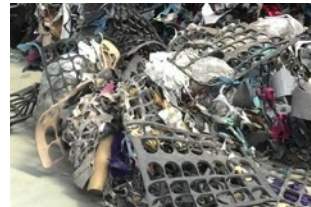
Paper Rolls



C&D Construction & Demolition Waste



Commercial Waste



Industrial Waste



Bulky Waste



Railway Sleepers



Pallets



Green Waste



Aluminium



Waste Wood



Cable Drums



Roots



End of life PVC frames