HAAS®
Recycling-Systems

Shredder
Shredding - Breaking - Chipping



TYRON hybrid

HAAS Hybrid Technology
The mobile, electric pre-shredder

TYRON

www.haas-recycling.de

TYRON hybrid

The primary shredder with 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!

XL TYRON





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)



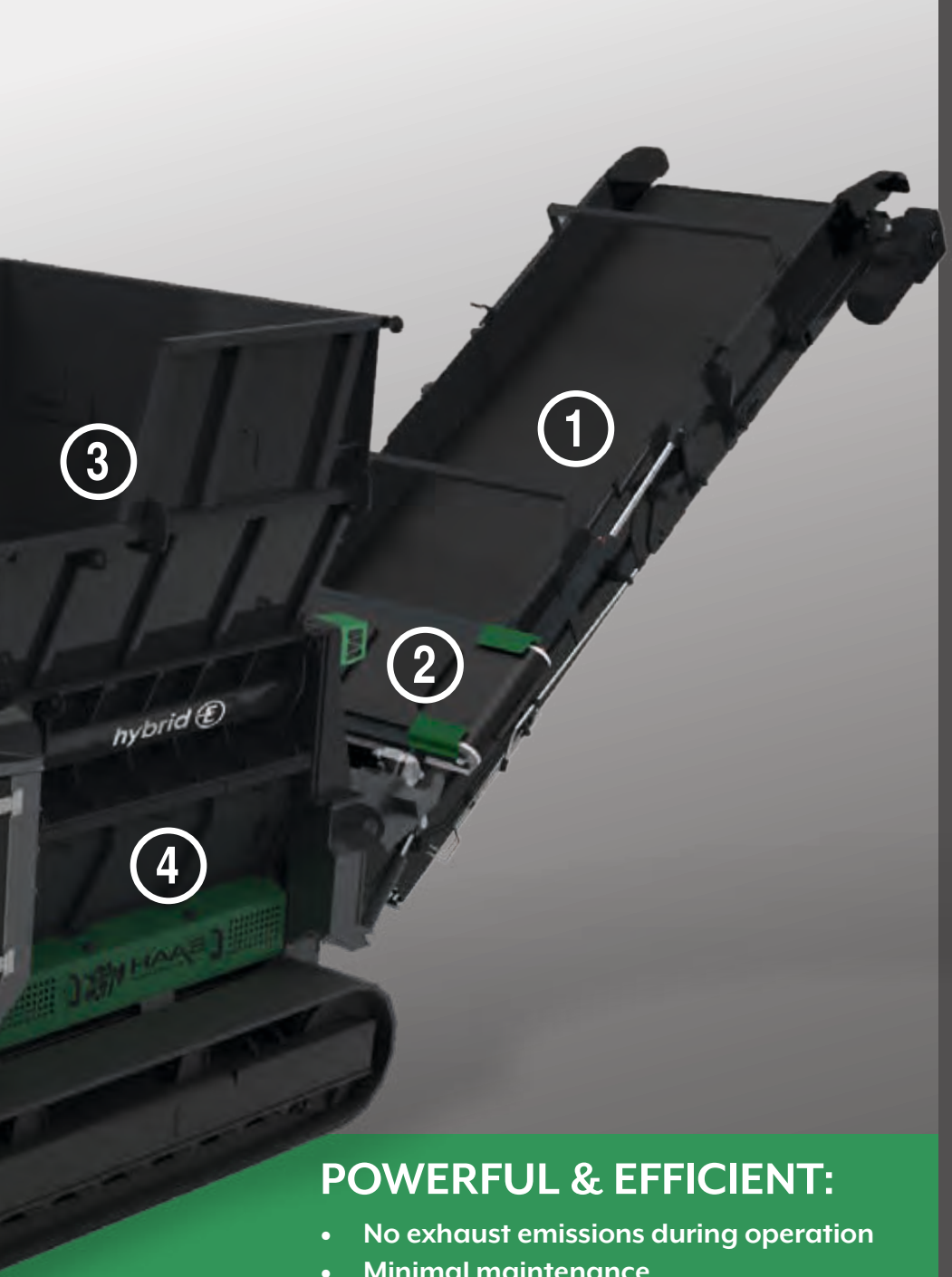
Powerful overband magnet

- 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 CO_2 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 noise insulation
- reversible fan
- traffic light system for operating status
- fire extinguishing system



Multifunctional control

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



Big feeding area

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



Remote control

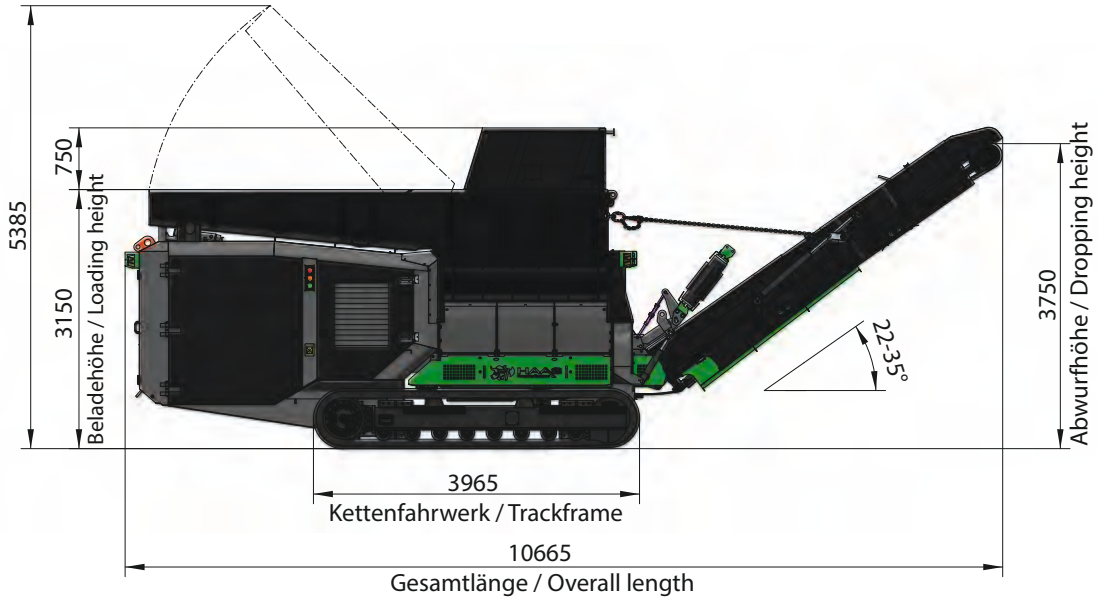
- start/stop automatic mode
- moving the machine
- adjustment of magnet height
- reversing the shafts
- operating the tilting hopper
- emergency stop button

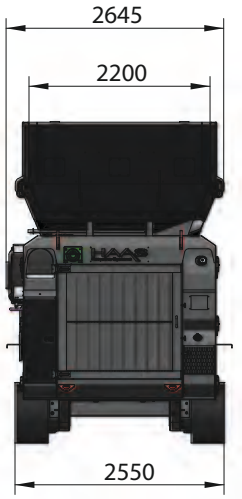


Connection system

- the TYRON can be conveniently connected to the mains.

TYRON hybrid E





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

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