

# TECHNICAL FOCUS ON **GOLIATH** MUCK SPREADERS

*Technical guide for making the right purchase*

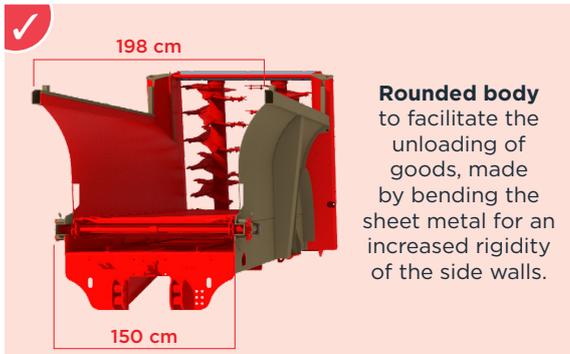


**Lebowitch**

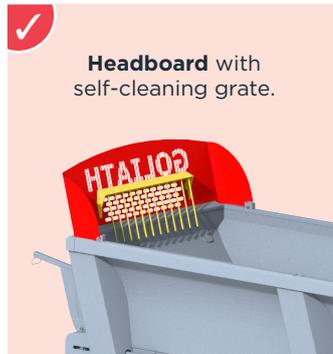
# GOLIATH MUCK SPREADERS

FOR THE MOST DEMANDING PROFESSIONALS

Standard  or optional equipment 



**Rounded body** to facilitate the unloading of goods, made by bending the sheet metal for an increased rigidity of the side walls.



**Headboard** with self-cleaning grate.

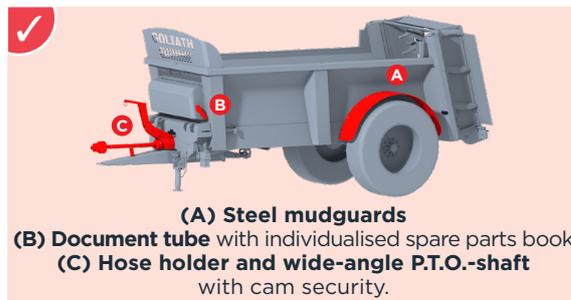


**Protection with 2-component paint (2K industrial quality)**

- (A) Body in ST420 high tensile steel sheet (thickness: 4 mm).
- (B) Shot blasting.
- (C) 2K primer coat applied directly after blasting + flash-off before applying the finish.
- (D) Finish with 2K paint and a hammered effect.



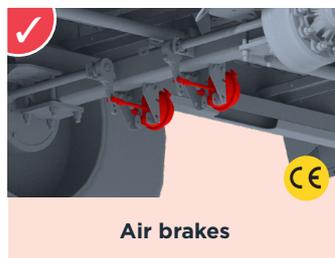
**Hydraulic installation** with electric control, **140 l tank** and **electrohydraulic system** protected under the hood.



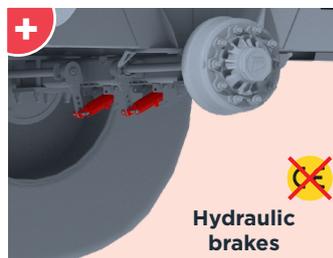
(A) **Steel mudguards**  
(B) **Document tube** with individualised spare parts book  
(C) **Hose holder and wide-angle P.T.O.-shaft** with cam security.



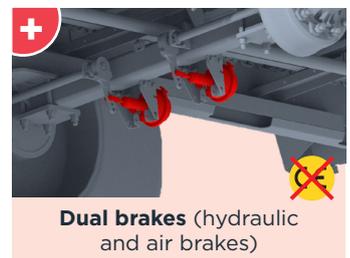
**Reinforced floor with steel wear strips**



**Air brakes**



**Hydraulic brakes**



**Dual brakes** (hydraulic and air brakes)



**Large choice of tyres**

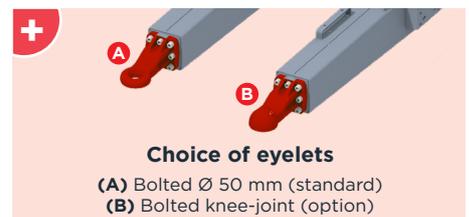
- Ø 1,230 to 2,060 mm
- Width: 467 to 739 mm
- Tyres from top brands



And many more!

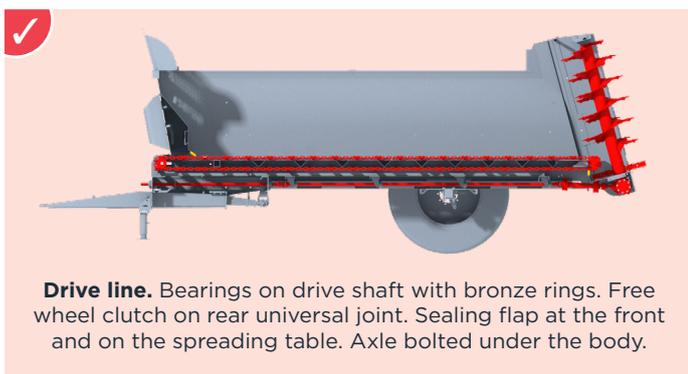


**Height-adjustable sprung drawbar**

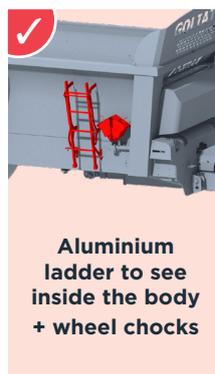


**Choice of eyelets**

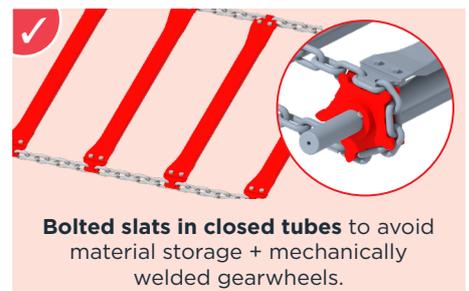
- (A) Bolted Ø 50 mm (standard)
- (B) Bolted knee-joint (option)



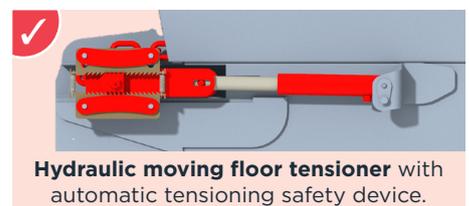
**Drive line.** Bearings on drive shaft with bronze rings. Free wheel clutch on rear universal joint. Sealing flap at the front and on the spreading table. Axle bolted under the body.



**Aluminium ladder** to see inside the body + **wheel chocks**



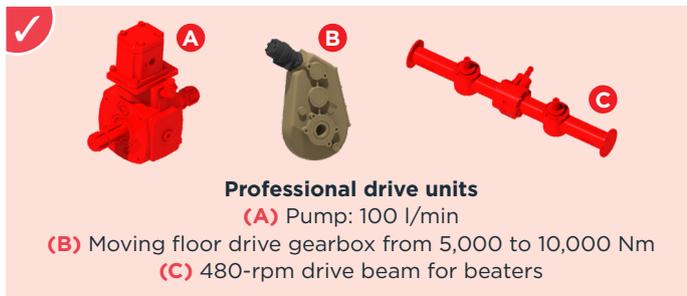
**Bolted slats in closed tubes** to avoid material storage + mechanically welded gearwheels.



**Hydraulic moving floor tensioner** with automatic tensioning safety device.



**Digital work counter**

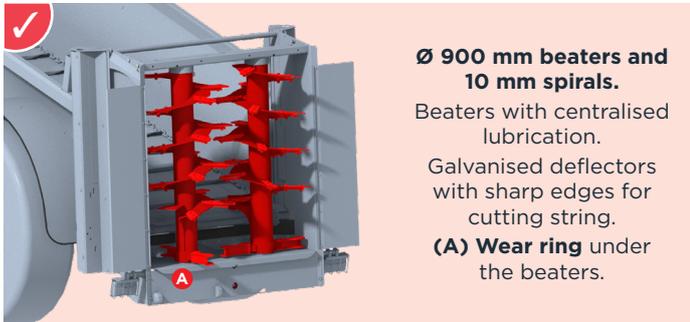


**Professional drive units**

- (A) Pump: 100 l/min
- (B) Moving floor drive gearbox from 5,000 to 10,000 Nm
- (C) 480-rpm drive beam for beaters



**Ø 16 shipping chains or RUBIG 20 chains**

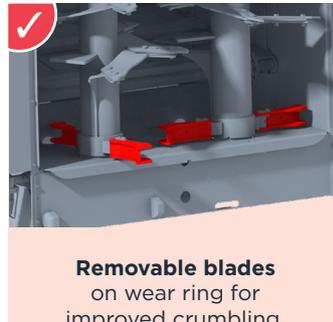


**Ø 900 mm beaters and 10 mm spirals.**

Beaters with centralised lubrication.

Galvanised deflectors with sharp edges for cutting string.

- (A) Wear ring under the beaters.



**Removable blades on wear ring for improved crumbling.**



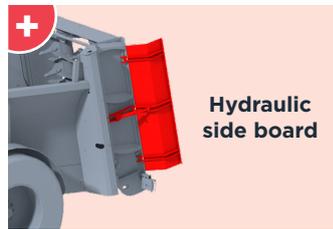
**Reversible interchangeable blades in HARDOX 450**



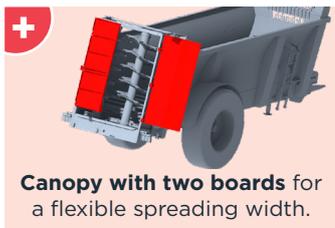
**Standard reversible blades in Hardox 450.**



**Spoon knives in Hardox 450.**



**Hydraulic side board**



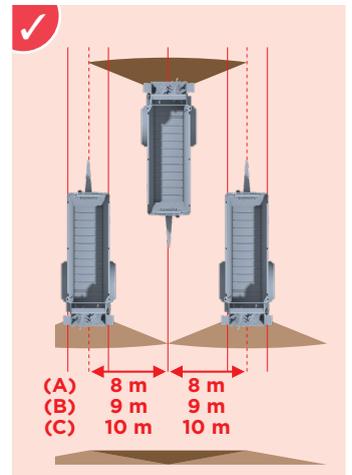
**Canopy with two boards for a flexible spreading width.**



**Swiss canopy for a better protection on the road.**



**Folding door to limit height.**



**Crossing widths**  
(variable according to the material spread):  
(A) 8 m (standard)  
(B) 9 m with spoon knives  
(C) 10 m with spreading discs



**Spreading discs under the vertical beaters, in 2 parts and easily removable.**



**Composting canopy**



**Ferti-CONTROL 320**  
Proportional control of the moving floor, switch for lights and flashing beacon.



**Easy-CONTROL**  
Moving floor control with electrical reverser and extra functions.  
**Simplified DPA**



**iso-CONTROL**  
Full control of the electrohydraulic functions of the vehicle.  
**Precision DPA**

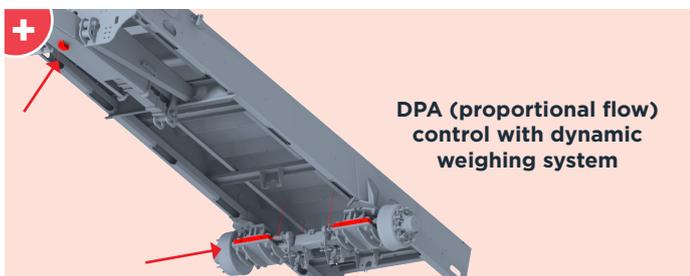
**DPA (proportional flow):** automatic regulation of the moving floor speed according to the door opening and driving speed.



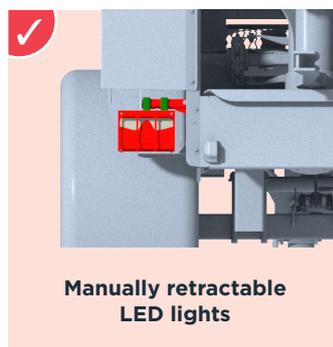
**Guillotine door (standard pre-equipment).**



**200 mm steel extensions**



**DPA (proportional flow) control with dynamic weighing system**



**Manually retractable LED lights**



**Side marker lights**



(A) End outline marker lamps  
(B) Red and white striped board with adjustable width

# GOLIATH MUCK SPREADERS

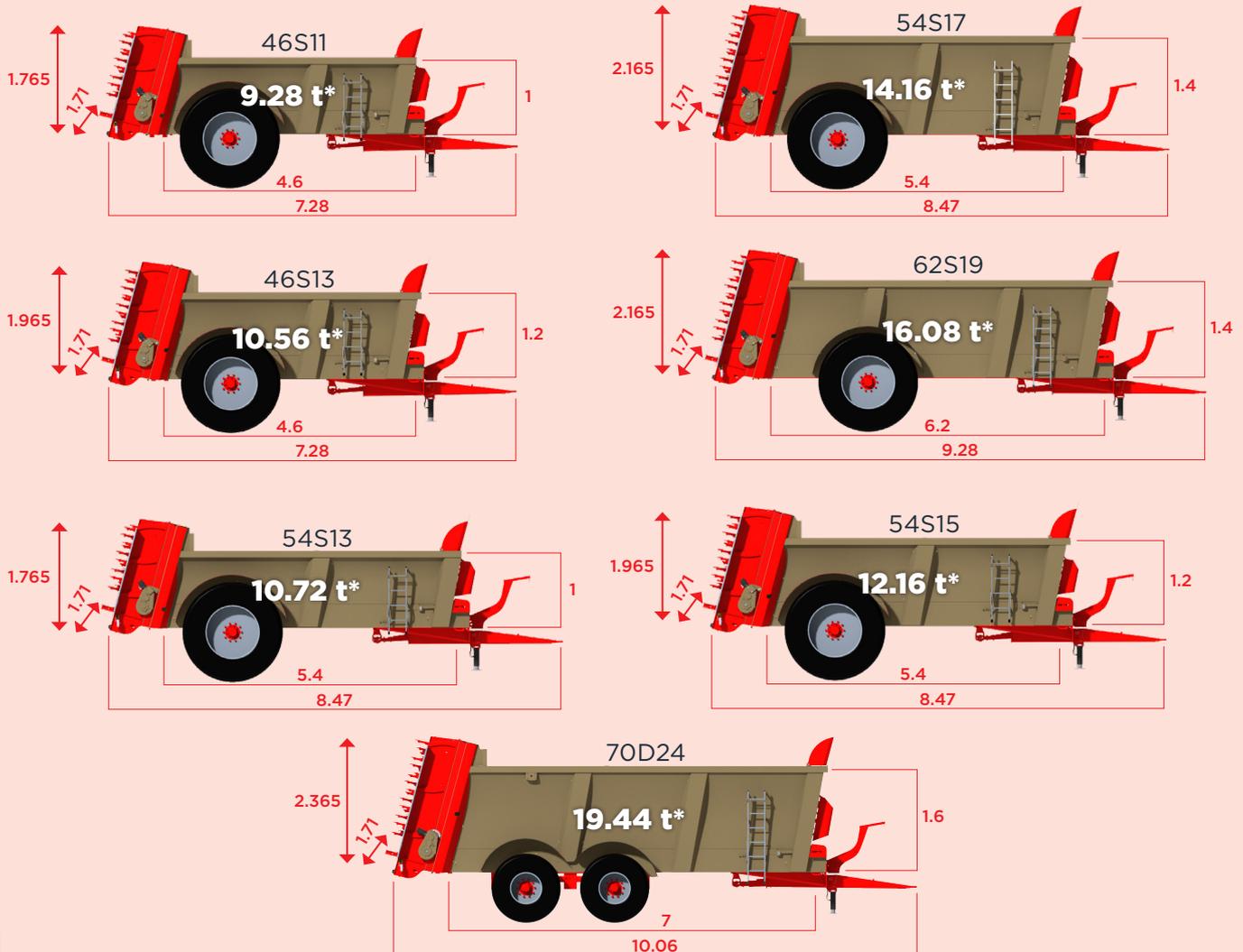
## ALL MODELS

# GOLIATH

evolution

- ✓ Single or double axle, from 10.7 to 24.3 m<sup>3</sup>
- ✓ Designed to withstand the toughest working conditions over time

The dimensions below are given in meters (m).



\*Capacity (in t) for manure with a density of 0.8 t/m<sup>3</sup>.

### Understand the model names:

- The first 2 digits correspond to the body length up to the door (in dm).
  - The letter indicates the number of axles: S = single axle, D = two axles.
  - The last 2 digits indicate the volume of manure (in m<sup>3</sup> without extensions).
- Example: the model 46S11 corresponds to a muck spreader with a body length of 4.6 m up to the door, one axle and a volume of around 11 m<sup>3</sup> without extensions.

# leboulch

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