



WASTE WATER TREATMENT

SLURRY UMBILICAL SYSTEMS

GENTLE ON THE SOIL AND EFFICIENT



SLURRY UMBILICAL SYSTEMS

Gentle on the soil and efficient without interruptions

Slurry spreading constantly poses new challenges to farmers. To avoid soil compaction by slurry tankers, an increasing number of users are choosing slurry umbilical systems.

While slurry umbilical systems were originally utilized only on mountain farms, they are now increasingly employed by contractors working on flat terrain as well.

The major advantages of this technology are:

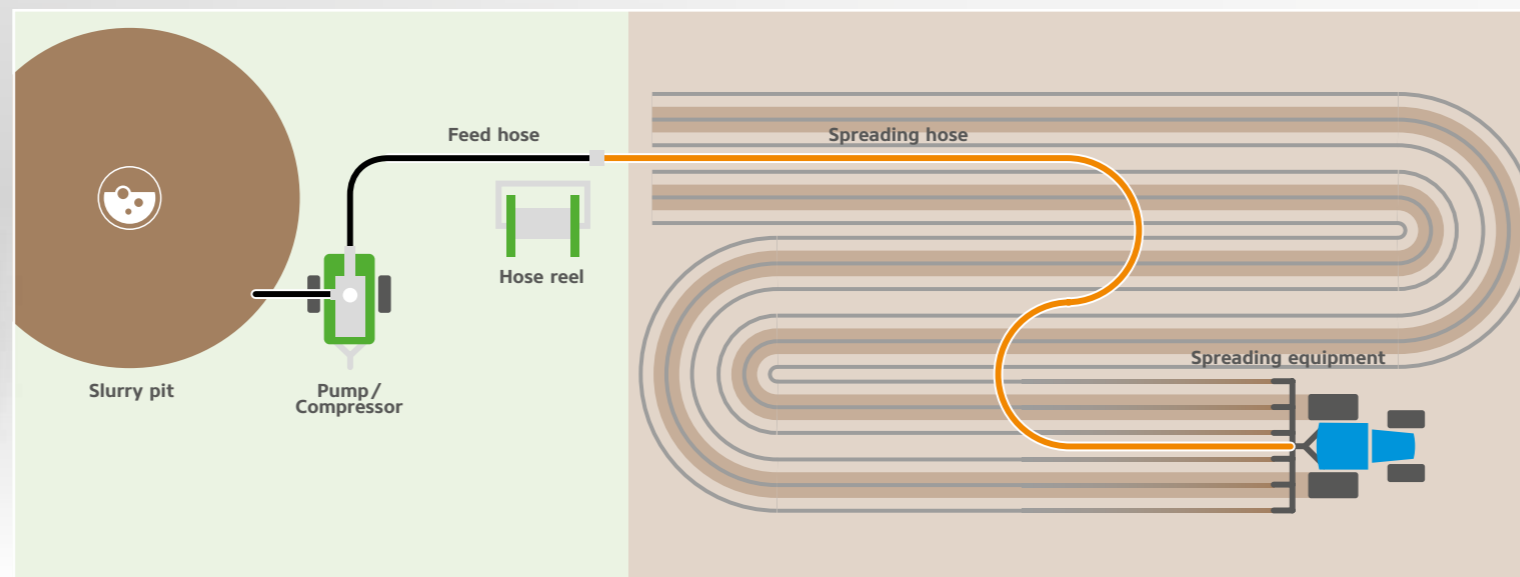
- Less need for tractors
- Minimal soil compaction
- High spreading performance
- Slurry spreading is possible even in wet soil conditions
- Easy handling



Hose reels

Professional and extremely robust reels for rolling hoses in and out:

- Extra powerful hydraulic drive
- Safety bar
- Center of gravity very close to the tractor thanks to the specially designed shape
- Models: P1000, P1702, P1702S



HOSE TYPES

Feed hose ECO

Lightweight special hose for agricultural applications:

- Thermoplastic NBR/PVC rubber mixture
- High resistance to kinks
- Temperature range -20 to +80 °C
- Diameter: 152 mm
- Burst pressure: 35 bar
- Wall thickness: 3 mm

Feed hose Orange

Especially strong special hose for slurry umbilical applications:

- Very low twisting tendency
- High-quality NBR/PVC rubber mixture pressed through the textile layert
- High-strength polyester/polyamide thread
- Very smooth inside for minimal pressure loss
- Reinforced exterior for especially high wear resistance
- Temperature range -20 to +100 °C
- Diameter: 152 mm
- Burst pressure: 40 bar
- Wall thickness: 4,2 mm

Spreading hose Orange Extra

Especially strong special hose for slurry umbilical applications in crop farming:

- Very low twisting tendency
- Entirely embedded in polyurethane
- High-strength polyester thread
- Very smooth inside for minimal pressure loss
- Reinforced exterior for especially high wear resistance
- Unsurpassed wear resistance
- Diameter: 114 bzw. 127 mm
- Burst pressure: 40 bar
- Wall thickness: 4,2 mm



FEED PUMPS

SX 1000 and diesel unit SX 2000

The gear pumps from BAUER impress with their excellent maceration effect and large pump heads:

- Suitable for thick media up to 12 % DM
- Pump rate up to 300 m³/h
- Pump head up to 140 mWC
- Pumps and macerates
- High cutting power
- Largely insensitive to foreign bodies
- Efficient and economical
- Low operating costs
- Maintenance-friendly
- Multi-Drive – many drive options
- Self-suction system (optional)
- Automatic pressure regulation (optional)
- Large pump heads



Screw compressor Three-point attachment

The compressor blows air through the hoses to empty them at a pressure of 15 bar and a rate of 7,700 or 12,000 liters/minute.



Spreading equipment

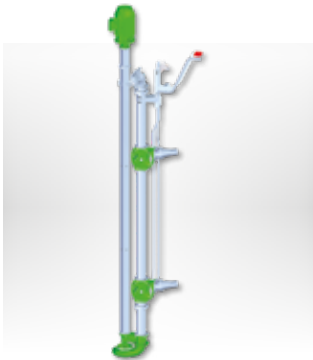
- Baffle plate spreader
- Drag hose applicator
- Drag-shoe applicator
- Slurry injector

PRODUCTS FROM OUR SLURRY PROGRAM

MTXH
Tractor mixer

MSXH
Submersible motor mixer

SEPARATOR
Press screw separator for solid-liquid separation

SEPARATOR PLUG & PLAY
System for portable slurry separation

MAGNUM LEE/LEC
Long shaft pump

MAGNUM SM
Thick matter pump gear unit design

MAGNUM CSPH
Submersible motor pump gear unit design

HELIX DRIVE
Eccentric screw pump

MAGNUM SX
Thick matter pump gear and pedestal pump

Slurry tankers and polyester tanker
Different tanker types for every requirement

Trailing hose applicator
Modular system for all types of tankers

Slurry injector
Innovative spreading technology

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