

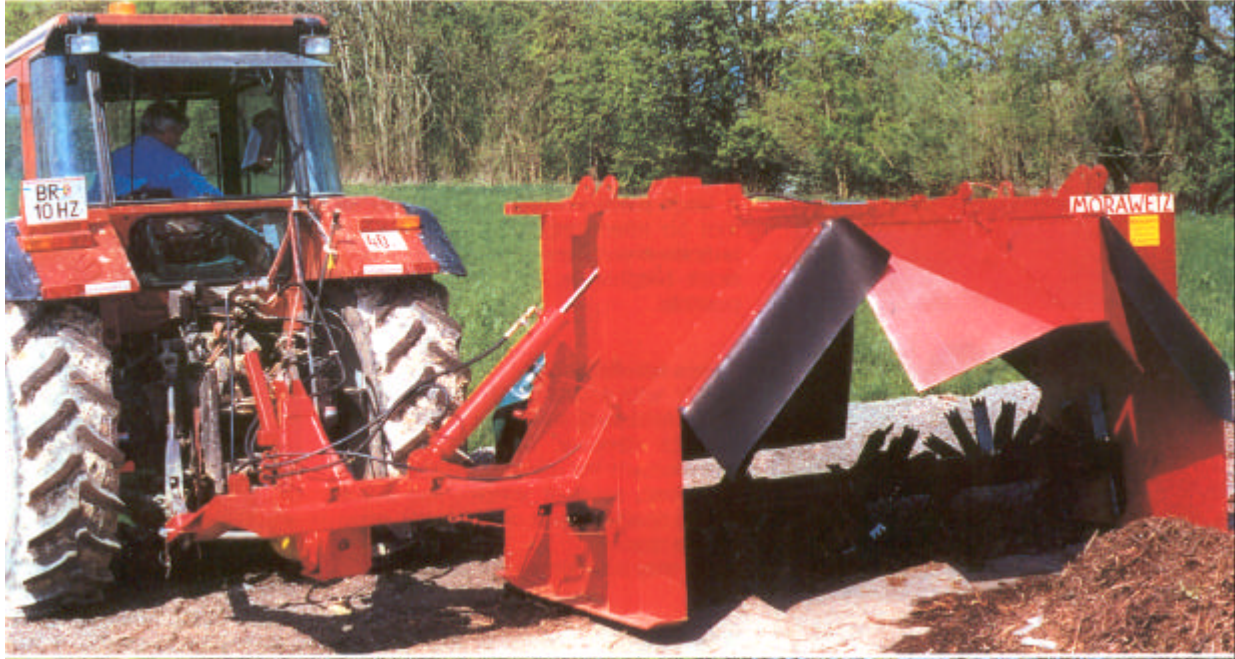
Composting with

# MORAWETZ

TRACTOR TOWED COMPOST TURNER

**FOLD TRACTORMIXER**

*Tractor towed composter attached via the 3-point linkage to tractors featuring a super creeper gear.*



## Why do MORAWETZ compost mixers produce the highest compost quality?

- Because the OPTIMIX turning cylinder can do much more and gives optimum performance with all materials.
- Because only with MORAWETZ compost mixers the anaerobic soil strata are completely removed by the RADEPUTZ scraper.

## MORAWETZ OPTIMIX Turning cylinder

Optimum ratio between worm pitches (1/3) and prongs (2/3). Externally, worms for reliable inward mixing



## Why is working with MORAWETZ composting system so cheap?

- Because of the OPTIMIX turning cylinder's superior technology requires fewer passes.
- Because the MORAWETZ compost mixer with fleece cover winding performs an additional operation at no extra cost. It removes and replaces the compost cover fleece during mixing.
- Because the larger stack volume allows better utilization of space and better performance.

of outer zones for degermination (hygienization). Internally, the proven claw prongs without compacting effects which occur with cylinders with several worm pitches (e.g. moist materials or slurry).

- Unrivalled loose work, therefore:
- high pore volume and good aeration
- fewer passes – low costs
- less nitrogen loss
  - higher fertilizer value
- environmentally friendly – less nitrogen oxide discharge into the atmosphere
- optimum triangular stack shape at all speeds - high stacks for low site costs
- quiet operation through good balance
- extremely low fuel consumption
- highly wear resistant prongs
- high degradation of wood particles, since claw-shaped prongs ensure better shredding

## „FOLD“ proven for many years with the most varied and difficult compost materials like long grass, reedstraw manure and slurry.

The 1:5 gear ratio at 540 rpm PTO speed provides a cylinder speed of 360 rpm. In practice, thanks to the benefits and extremely easy pulling of the OPTIMIX cylinder, work can be carried out at 200 – 300 rpm.

On made-up sites, the RADEPUTZ scraper completely removes all material. No more anaerobic strata affecting compost quality! The picture to the right shows the fleece winding unit with control block!



**A large stack volume** is desirable, so that an interesting stack cross section remains even after shrinkage. In practice, stack heights up to 1,75 metres are possible.



### Fleece winding unit

„FOLD“ with MORAWETZ fleece winder performs three operations simultaneously – fleece removal, mixing and fleece replacement! But also placing the fleece on a fresh stack or winding the fleece from a finished stack onto the roll, even during mixing.  
... this way composting is a pleasure!



Whether normal, round or large bales - all are dissolved in any position by the OPTIMIX turning cylinder. On this site, a straw bed for slurry is laid. For subsequent mixing our system is far superior to all others.



Mounted on the tractor's three point linkage hydraulics, FOLD ensures optimum manoeuvrability and requires only minimum space for manoeuvring. It can be lifted from the stack at any time, for example to remove foreign bodies. For a FOLD unit the tractor should have an unladen weight of at least 3,500 kgs. Transport height 4,35 m with jockey wheel and 3,95 m without jockey wheel.

Technical data	FOLD III	FOLD III-s
Throughfeed width	3,00	3,00
Throughfeed height	1,70	1,80
Poss. stack height up to	1,75	1,75
Width overall	5,10	5,10
Transport height incl jockey wheel	4,35	4,35
Transport height excl jockey wheel	3,95	3,95
Weight	900	2350
Power requirement from	70	100
Power requirement max.	90	140

All machines filled with hydraulic oil HLP32.

### Standard equipment:

- Mechanically operated rear flap
- Turning cylinder height adjustable on both sides
- Universal shaft with shear pin coupling
- Jockey wheel detachable for transport

### Optional equipment:

- Universal shaft with overload protection K64/2
- Travel attachment for transport in lowered position
- Hydraulic operation of rear flap
- Spray attachment for stack moistening
- Fleece winding unit, RADEPUTZ scraper, Lightning equipment



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