



## TerraStar® Mixing & Screening Buckets

### Compactline

### TAILORED SOLUTIONS FOR MAXIMUM PRODUCTIVITY

Soil Stabilisation - Soil Remediation  
 Screening - Separating - Mixing  
 Crushing... all with just one machine!

The placement of the shaft positions promote a unique rotary movement, generating enormous efficiency especially in wet and cohesive soil.

The shape, material thickness and separation distance of the shafts are provided to your specific requirements.

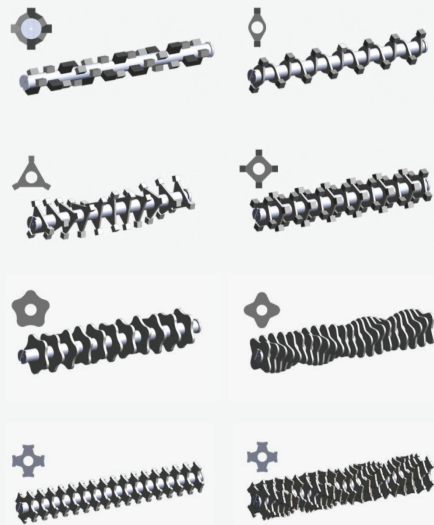


Powerline TSP184 in action with output of 110 m<sup>3</sup>/hour

The patented **shaft coupling** enables easy and fast disassembly and reassembly of the shafts. No bearings or chains need to be disassembled in the process.

**TerraStar®** buckets range from 1.5 ton to 70 ton excavators and wheeled loaders.

# UNMATCHED OUTPUT



QUALITY, RELIABILITY, EXPERIENCE

EXCLUSIVE IRELAND & UK DISTRIBUTOR OF WOLF TECHNIK PRODUCTS

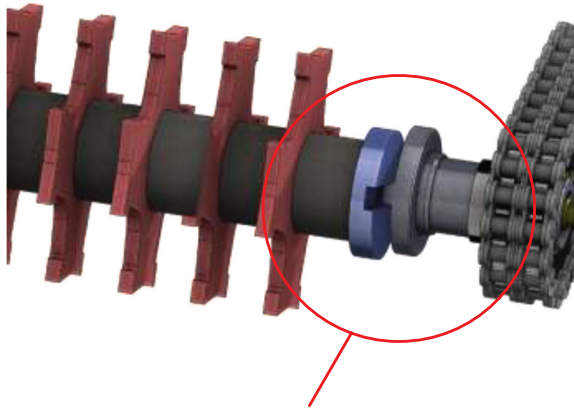


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## BUCKET SHAFT CONFIGURATION



*PATENTED SHAFT COUPLING*

### Patented Shaft Coupling

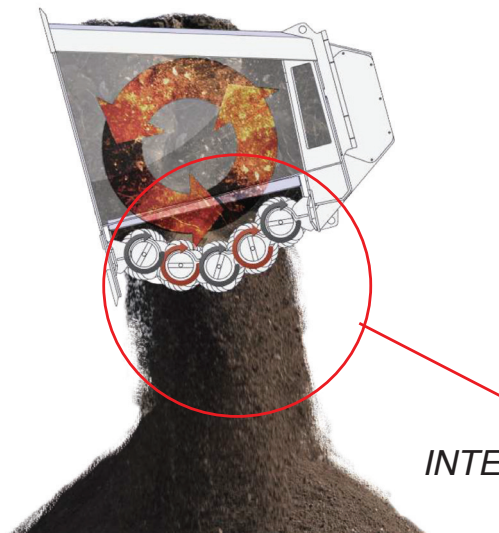
The patented shaft coupling enables the shafts of the blade separators to be removed and converted quickly and easily. No bearings or chains need to be dismantled. Experience has shown that a shaft conversion - including the conversion of the two counter bars on a TerraStar® Powerline - takes about 1 to 1.5 hours. This means that you can buy a shaft kit at or after purchasing a TerraStar® at any time. This enables you to change the machine variably, e.g. from screen shafts to mixing shafts.

### Cost reduction while increasing efficiency

As a machine rental company, you only need one basic machine and can configure it with the desired shafts as required by the customer.

### All technical advantages at a glance

- Shaft couplings enables the shafts to be easily converted
- High throughput even with wet material
- Low-maintenance drive and bearings
- Easy start-up of screening buckets
- Our arrangement of the shafts to each other increases output
- All types of shafts can be used in every screening bucket



*INTERCHANGEABLE  
SHAFTS*

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## BUCKET SHAFT CONFIGURATION

### Mixed shafts

For mixing, sieving and aeration of soil and compost, as well as for crushing easily brittle materials. High throughput even with wet soil.

#### M80X mixing

shaft with mixing blocks  
grain size 0 - 60 mm



#### BS252 mixing

shaft with two contours,  
grain size 0 - 40 mm



#### BS253 mixing

shaft with three contours,  
grain size 0 - 40 mm



#### BS254 mixing

shaft with two contours,  
grain size 0 - 40 mm



(Separation distance can be made larger on customer request)

### Screen shafts

For sieving off material and backfilling pipe and sewer trenches - where high throughput is required.

#### Square disc

For sifting soil and earth that are interspersed with fragile materials. With this disc, the material is less shredded



#### Star disc

For screening and backfilling of pipe and sewer trenches - where high throughput is required, especially in wet and cohesive soil.



#### Penta disc

For fine screening of free-flowing material and dry earth. The five-contour disc reduces the distance to the next wave and thus leads to a lower proportion of stones in the material to be screened. It is not suitable for wet material. With this disc, the material is less shredded. Also suitable for sieving stony material such as crushed stone, gravel, basalt, etc.



### Shafts with cross disks

Suitable for tearing up sod and crushing clay, peat, compost, etc.

We manufacture cross disks with two, three and four contours, linear, spiral or spiral blocks, tailored to the material and intended use



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## TERRASTAR® Compactline DATA SHEET

Compactline	TSC.104	TSC.153	TSC.154	TSC.183	TSC.184
EXCAVATOR	14 t	14 t	16 t	16 t	16 t
WHEELED LOADER	8 t	8 t	10 t	10 t	12 t
CUTTING WIDTH	1000 mm	1500 mm	1500 mm	1800 mm	1800 mm
SHAFTS	4	3	4	3	4
CONTENT	0.85 m <sup>3</sup>	0.95 m <sup>3</sup>	1.25 m <sup>3</sup>	1.20 m <sup>3</sup>	1.50 m <sup>3</sup>
THROUGHPUT	30 - 45 m <sup>3</sup> /Std.	34 - 50 m <sup>3</sup> /Std.	44 - 65 m <sup>3</sup> / Std.	43 - 62 m <sup>3</sup> /Std.	52-77 - m <sup>3</sup> /Std.
OPENING	(H) 880 mm (W) 1000 mm (D) 930 mm	730 mm 1500 mm 870 mm	880 mm 1500 mm 930 mm	730 mm 1800 mm 870 mm	880 mm 1800 mm 930 mm
SCREEN SURFACE	0.85 m <sup>2</sup>	1.00 m <sup>2</sup>	1.30 m <sup>2</sup>	1.25 m <sup>2</sup>	1.50 m <sup>2</sup>
WEIGHT WITHOUT HEAD BRACKET (15MM SCREENING SHAFT)	1200 kg	1200 kg	1450 kg	1500 kg	1600 kg
WORKING PRESSURE	200- 260 bar	200 - 260 bar	200 - 260 bar	200 - 260 bar	200 - 260 bar
OIL FLOW	150 - 180 l/min	150 - 180 l/ min	150-180 l/min	150 - 180 l/ min	150 - 180 l/ min
PRESSURE MAX	290 bar	290 bar	290 bar	290 bar	290 bar

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