



## TerraStar® Mixing & Screening Buckets Ecoline

### 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

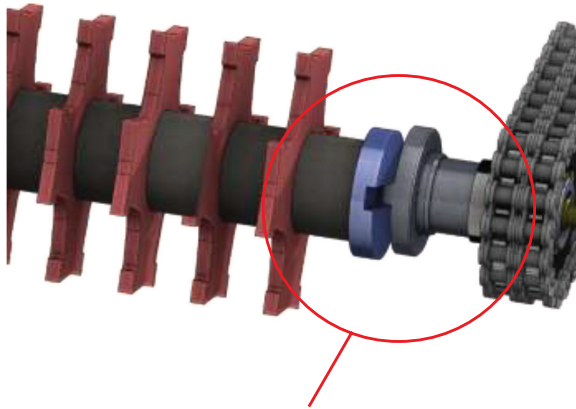


T: +353 (0)1 5654981  
E: info@aprdmachinery.com

M: +353 (0)87 6208404  
W: www.aprdmachinery.com



## BUCKET SHAFT CONFIGURATION



PATENTED SHAFT COUPLING

### Patented Shaft Coupling

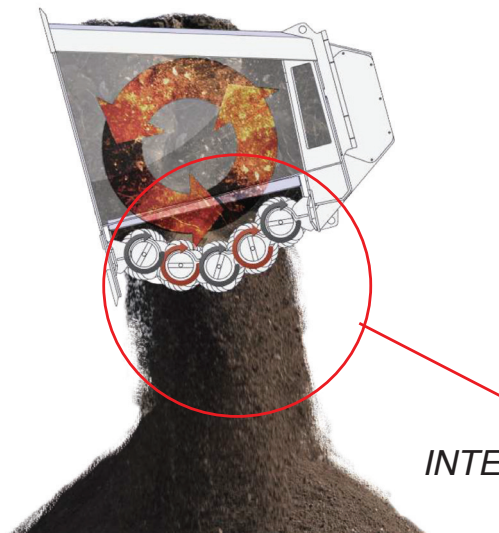
The patented shaft coupling enables the shafts of the blade separators to be removed and converted quickly and easily. No bearings or chains need to be dismantled. Experience has shown that a shaft conversion - including the conversion of the two counter bars on a TerraStar® Powerline - takes about 1 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

QUALITY, RELIABILITY, EXPERIENCE



EXCLUSIVE IRELAND & UK DISTRIBUTOR  
OF WOLF TECHNIK PRODUCTS

T: +353 (0)1 5654981

E: info@aprdmachinery.com

M: +353 (0)87 6208404

W: www.aprdmachinery.com

## 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

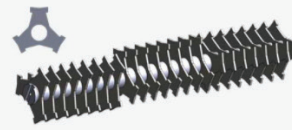
For fine screening of free-flowing material and dry earth. The five-contour disc reduces the distance to the next wave and thus leads to a lower proportion of stones in the material to be screened. It is not suitable for wet material. With this disc, the material is less shredded. Also suitable for sieving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



QUALITY, RELIABILITY, EXPERIENCE

EXCLUSIVE IRELAND & UK DISTRIBUTOR  
OF WOLF TECHNIK PRODUCTS





## TERRASTAR® Ecoline DATA SHEET

Ecoline	TSE.053	TSE.054	TSE.074	TSE.083	TSE.103
EXCAVATOR	1.6 t	2.2 t	3 t	4 t	6 t
WHEELED LOADER	1.8 t	2 t	2.2 t	3.5 t	4 t
CUTTING WIDTH	500 mm	500 mm	700 mm	800 mm	1000 mm
SHAFTS	3	4	4	3	3
CONTENT	0.12 m <sup>3</sup>	0.15 m <sup>3</sup>	0.20 m <sup>3</sup>	0.30 m <sup>3</sup>	0.45 m <sup>3</sup>
THROUGHPUT	5 - 7 m <sup>3</sup> /Std.	6 - 8 m <sup>3</sup> /Std.	7 - 10 m <sup>3</sup> /Std.	10.5 - 15 m <sup>3</sup> /Std.	16 - 23 m <sup>3</sup> /Std.
OPENING	(H) 450 mm (W) 500 mm (D) 500 mm	570 mm 500 mm 500 mm	570 mm 700 mm 500 mm	650 mm 800 mm 750 mm	650 mm 1000 mm 750 mm
SCREEN SURFACE	0.25 m <sup>2</sup>	0.30 m <sup>2</sup>	0.40 m <sup>2</sup>	0.40 m <sup>2</sup>	0.60 m <sup>2</sup>
WEIGHT WITHOUT HEAD BRACKET (15MM SCREENING SHAFT)	200 kg	250 kg	290 kg	400 kg	600 kg
WORKING PRESSURE	170 - 190 bar	170 - 190 bar	170 - 190 bar	200 - 250 bar	200 - 250 bar
OIL FLOW	30 - 40 l/min	30 - 40 l/min	30 - 40 l/min	50 - 60 l/min	50 - 60 l/min
PRESSURE MAX	200 bar	200 bar	200 bar	280 bar	280 bar

QUALITY, RELIABILITY, EXPERIENCE

EXCLUSIVE IRELAND & UK DISTRIBUTOR  
OF WOLF TECHNIK PRODUCTS



T: +353 (0)1 5654981  
E: info@aprdmachinery.com

M: +353 (0)87 6208404  
W: www.aprdmachinery.com