



LLOYD
ENGINEERING

www.screeningbucket.co.uk

ROTASTAR

High output screening attachments for TOPSOIL, COMPOST & WASTE

We design and manufacture a range of star screening attachments for 2.5 to 25 tonne carriers

Unique rotary material flow, no pinching or crushing, low power requirement and no contamination from crushed material

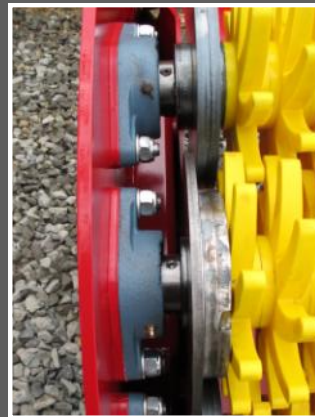
Flexible self cleaning star elements, no chopping, exceptional for screening fragile materials like turf roots and compost



Massive screening area, with replaceable inner panels for machine longevity and shaft end discs for low running costs

Greaseable self-aligning bearings for reliability

Narrow side structure

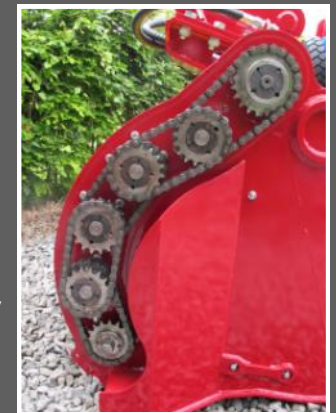


Speed control as standard, up to R5W, for optimum output and variable fraction size



Easily removable guard for maintenance and inspection

Heavy duty chain drive for reliability and durability



Designed and manufactured by us in the UK

ROTARY

We design and manufacture a range of rotary screening attachments for 6 to 25 tonne carriers

Ideal for TOPSOIL, WASTE, RECLAMATION, AND RECYCLING

We offer a range of aperture sizes to suit different applications

Simple rugged reliable design

Single hammer line, no drain line required

Bolt-on teeth

Foam filled tyres



Unique drum change system on larger buckets offering users the ability to produce varying sized materials throughout the working day with ease



Cleaning brush fitted as standard, improves output and performance



Large apron, set at an optimal angle, allowing control of material during screening

Unique conical drum design for high output and crowding clearance

Minimal dead area



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TECHNICAL SPECIFICATION

	Babystar	Nanostar	Nanostar +	Microstar +	Ministar +	Rotastar 5w	Rotastar 6	Rotastar 7	Rotary 0.3 conical	Rotary 0.7 conical QC	Rotary 0.9 QC
Carrier weight	2.2-3.5 tonnes	3-5 tonnes	4-6 tonnes	4-8 tonnes	8-14 tonnes	10-20 tonnes	13-20 tonnes	15-25 tonnes	6-12 tonnes	13-15 tonnes	18-25 tonnes
Output	Average 6-8 t/hr	Average 10 t/hr	Average 15 t/hr	Average 25 t/hr	Average 32 t/hr	Average 40 t/hr	Average 55 t/hr	Average 70-80/hr	Dependent on drum aperture	Dependent on drum aperture	Dependent on drum aperture
Shafts	3	3	3	4	5	5	6	7	N/A	N/A	N/A
Stars	46	58	76	102	137	152	177	206	N/A	N/A	N/A
Bucket capacity	0.12m ³	0.15m ³	0.2m ³	0.25 ³	0.4m ³	0.65m ³	0.9m ³	1.2m ³	0.3 m ³	0.7m ³	0.9m ³
Hydraulic req'ment	40 litres/min 70-180 bar	45 litres/min 70-180 bar	50 litres/min 70-180 bar	55 litres/min 70-180 bar	64 litres/min 70-180 bar	70 litres/min 70-180 bar	100 litres/min 70-180 bar	130 litres/min 70-180 bar	40 litres/min 130 bar	70 litres/min 130 bar	100 litres/min 130 bar
Bucket weight	250kg	280kg	340kg	460kg	615kg	980kg	1115kg	1460kg	460kg	1225kg	2050kg
Working width	640mm	825mm	1056mm	1056mm	1150mm	1260mm	1240mm	1240mm	900mm	1200mm	1200mm
Overall width	910mm	1070mm	1300mm	1300mm	1402mm	1560mm	1600mm	1600mm	960mm	1300mm	1350mm

Other sizes can be manufactured on request



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