

Gyrus-Star ***Compact Screening Systems®***



Fast Effective Screening Systems



About Gyrus-Star

Introduction

Gyrus-Star Compact Screening Systems® Philosophy

To bring an affordable, high quality and performance with low or zero maintenance screening solution to the compact attachment market.

The fast and efficient polyurethane star screening system, screens without crushing or shredding enabling liabilities to be turned in to assets through a comprehensive product range, matched to carrier weights.

This folder provides you with an overview of our Gyrus-Star compact screening® excavator and loader attachment range.



Applications

Aeration

For accelerating drying and conditioning of soil and compost.

Compost

separating oversize and non compostable items, as well as mixing and turning to accelerate the composting.

Mixing and blending

Mixing pre-screen soil and compost to improve the final product.

Soils and aggregates

separating aggregates and vegetation without crushing or shredding.

Other applications

- Wood chip	- Peat	- Coal
- Cable/ pipe padding	- Knott weed	- Top soil
- Fine screening		





Innovation



Construction

The bucket shell is a steel structure with fully welded joints that has been tested up to 1.5x maximum permissible load. The double skin floor with two integrated driveline cavities adds even weight distribution and maximum strength.

No internal side obstructions and narrow driveline cavities combined with the integrated lower rotor protection prevents material falling through the back and also adds strength to the shell.

Driveline

Carbon belts with pretensioned and self adjusting Rosta belt tensioners. Sealed internal bearings for a durable, clean, zero maintenance driveline.

Hydraulics

Motors and hoses fully encased within the driveline compartment provides a fully protective and compact design.



Standard equipment

Fitted with stone guards and adjustable stripper plates as standard.





E



HE

E series, the smallest in the Gyrustar compact screening family, for micro and mini excavators.

3 models available to suit 1-5 ton excavators.

Models; 2-50E, 3-60E and 3-80E.



HE, mid-range series in the Gyrustar compact screening family, for excavators and backhoes.

4 models available to suit 4-13 ton excavators. Ability to use a unique rail system for loader application.

Models; 3-100HE, 3-120HE, 4-100HE and 4-120HE





HDX



MAX

HDX series, largest range in the Gyru-Star compact screening family, for excavators and loaders.

3 models available to suit 7-20 ton excavators.

Ability to use a unique rail system for loader application.

Models; 4-150HDX, 3-150HDX and 6-150HDX



MAX series, largest capacity in the Gyru-Star compact screening family.

2 models to suit 7-20 ton excavators.

Designed for utility contractors.

Stainless steel floor as standard.

Ability to use a unique rail system for loader application.

Models; 3-150MAX and 4-150MAX





L



SL

L series, loader range in the Gyru-Star compact screening family.

3 models available to suit 1-5 ton compact mini loaders and tractors.

Models; 3-100L, 3-120L and 3-150L



SL series, skid steer range in the Gyru-Star compact screening family.

3 models available to suit 1-5 ton compact mini loaders and tractors.

Assembled ready to be used.

Models; 3-100SL, 3-120SL and 3-150SL





Accessories & interfaces

Oil flow control coupling

Hydraulic cross over kit

Hydraulic hoses

Fragment reduction kit

Comb kits

Stainless steel lining

Kustom Konnect

Specialist design and manufacture of excavator interfaces ranging from 1-20 ton with the option of welded or removeable pins and dual centers; as well as loader, telehandler and tractor interfaces or rail systems.



Specifications

E Model	Carriers		HYD requirement		Bucket		Screening area (mm)
	Excavator (TON)	Loader (TON)	Flow (l/m)	Pressure (bar)	Weight (Kg)	Capacity (m³)	
2-50E	1 - 2	-	40	200	155	0.06	300 X 480
3-60E	2 - 4	-	55	200	240	0.13	430 X 560
3-80E	3 - 5	-	55	200	290	0.18	430 X 800

HE Model	Carriers		HYD requirement		Bucket		Screening area (mm)
	Excavator (TON)	Loader (TON)	Flow (l/m)	Pressure (bar)	Weight (Kg)	Capacity (m³)	
3-100HE	4 - 6	1 - 2	65	200	360	0.23	430 X 1000
3-120HE	5 - 7	1 - 3	65	200	405	0.26	430 X 1200
4-100HE	5 - 8	4 - 6	90	200	560	0.35	615 X 1000
4-120HE	10 - 13	6 - 8	90	200	600	0.4	615 X 1200

HDX Model	Carriers		HYD requirement		Bucket		Screening area (mm)
	Excavator (TON)	Loader (TON)	Flow (l/m)	Pressure (bar)	Weight (Kg)	Capacity (m³)	
3-150HDX	7 - 10	2 - 5	70	200	600	0.35	430 X 1500
4-150HDX	13 - 18	9 - 12	90	200	860	0.6	615 X 1500
6-150HDX	16 - 20	-	160	200	1360	1.2	1030 X 1500

MAX Model	Carriers		HYD requirement		Bucket		Screening area (mm)
	Excavator (TON)	Loader (TON)	Flow (l/m)	Pressure (bar)	Weight (Kg)	Capacity (m³)	
3-150MAX	5 - 7	1 - 3	70	200	640	0.55	430 X 1500
4-150MAX	13 - 18	7 - 12	90	200	920	0.8	615 X 1500

L / SL Model	Carriers		HYD requirement		Bucket		Screening area (mm)
	Excavator (TON)	Loader (TON)	Flow (l/m)	Pressure (bar)	Weight (Kg)	Capacity (m³)	
3-100L	-	1 - 2	65	200	360	0.23	430 X1000
3-120L	-	1 - 3	65	200	390	0.26	430 X 1200
3-150L	-	2 - 5	70	200	600	0.35	430 X 1500
3-100SL	-	1 - 3	65	200	360	0.23	430 X 1000
3-120SL	-	1 - 3	65	200	390	0.26	430 X 1200
3-150SL	-	2 - 5	70	200	600	0.35	430 X 1500

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