

G Series – general purpose shredder Designed for a wide range of applications.



General Description

The G shredders are single shaft shredders with a powerful two speed swing ram design eliminating the risk of blocking and wearing out of internal guide rails. The machine is very versatile and can be used for shredding of all kinds of input materials and is well suited for different industries. The 457 mm diameter rotors ranging from 850 to 2000 mm width are driven by one or two oversized gearboxes. The hydraulic power pack is well integrated into the machine housing to save space and protect it from damage, but still easy to access or remove for maintenance. The standard E rotor features the proven Virtus knife and knife holder design, as well as outboard bearings and a hydraulically-operated screen cradle. The machines can be tailored to various applications with cooling or hard facing and other wear options.

Technical Machine Advantages

- Low speed, high torque gear drive
- Powerful hydraulic swing type pusher
- Smaller footprint compared to traditional shredders with horizontal pushers
- Bolted in drive shafts
- Two speed hydraulic comes standard

We reserve the right to make technical changes and measurement adjustments ver. 1.0 - 09/2014

G Series		G38-85	G45-85	G45-120	G45-150	G45-200
Rotor diameter	(mm)	387	457	457	457	457
Rotor width	(mm)	850	850	1200	1500	2000
Rotor speed	(rpm)	74	74	74	74	74
Drive capacity	(kW)	37	55	55	75	2 X 55
Rotor knives	(pcs)	40/60	40/60	54/81	68/102	96/144
Stator knives	(rows)	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2
Ram feeder drive	kW	3.75	3.75	5.6	5.6	5.6
Screen size	(mm)	>40	>40	>40	>40	>40
Cutting chamber volume	(m ³)	1.16	1.37	1.82	2.27	3.16
Effective working area	(mm x mm)	690 x 730	800 x 730	800 x 1010	800 x 1290	800 x 1850
Weight	kg	4200	4800	5500	6500	8500
Dimensions						
A	(mm)	2085	2300	2300	2300	2300
B	(mm)	625	725	725	725	725
C	(mm)	2435	2585	2585	2585	2585
D	(mm)	1385	1590	1590	1590	1590
E	(mm)	840	840	1120	1400	1960
F	(mm)	1940	1985	2265	2590	3710

