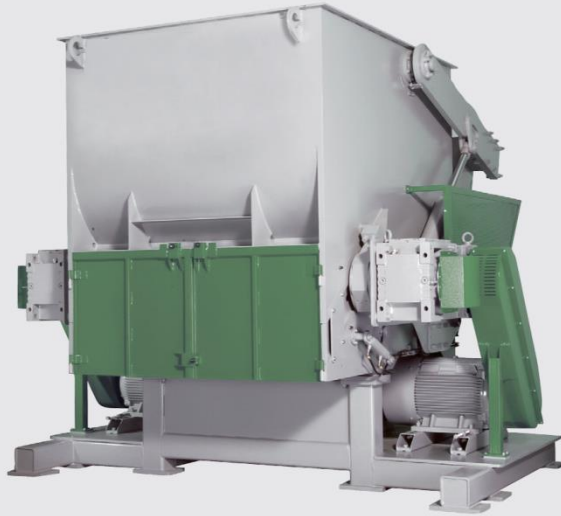


## X Series – heavy duty shredder for crushing biomass > 10 mm.



### General Description

The X Series 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 all kinds of input materials. The 750 mm diameter rotors ranging from 1500 to 3000 mm width are driven by two oversized gearboxes. The low speed of 45rpm guarantees a high torque and smooth operation. 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 proven E rotor, knife holder and knife designs are take to new dimensions to conquer the most demanding applications and challenges. The machines can be tailored to various applications with advanced controls and hydraulics, hard facing and other wear options.

### Technical Machine Advantages

- Powerful two speed hydraulic swing type ram
- Heavy duty design
- High through put rates
- Suitable for very large and heavy pieces
- Large diameter rotor (750mm)

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

X Series		X75-150	X75-200	X75-300
Rotor diameter	(mm)	750	750	750
Rotor width	(mm)	1500	2000	3000
Rotor speed	(rpm)	45	45	45
Drive capacity	(kW)	2 x 75	2 x 90	2 x 100
Rotor knives	(pcs)	76	96	136
Stator knives	(rows)	1	1	1
Cutting chamber volume	(m <sup>3</sup> )	7.75	9.67	13.5
Effective working area	(mm x mm)	1500 x 1490	1500 x 1900	1500 x 2600
<b>Dimensions</b>				
A	(mm)	3580	3580	3580
B	(mm)	935	935	1015
C	(mm)	3420	3420	3500
D	(mm)	2540	2540	2540
E	(mm)	1620	2020	2820
F	(mm)	3560	4190	5070

