

McLanahan's XK Single-Shaft Grinders, which are powered by Forrec, ensure high productivity when processing MSW materials such as plastics, wood, rubber, paper, cardboard and industrial waste. These machines provide a uniform control of the dimensions of the material being produced and are often used in the processing of any type of solid waste that does not contain large, ferrous or metallic materials. The XK Single-Shaft Grinders combine a traditional cutting system with interchangeable plates that are much larger than other model and incorporate a unique bumper bearing.

SAFER

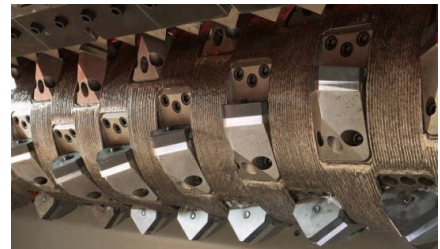
XK Single-Shaft Grinders have been designed with operator safety in mind. Each grinder includes an exclusive safety control system that prevents damage and stops the machine immediately if non-compliant material is introduced. This safety system avoids mechanical part breakage and allows for safe material clearing. Bearings are outside of the cutting chamber to avoid damage due to material projection.

SIMPLER

Interchangeable blades and counter-blades make XK Single-Shaft Grinders easily adjustable. The wear-proof selection screen is also interchangeable for fast and simple maintenance. XK Single-Shaft Grinders feature a hydraulic screen opening and inspection for quick maintenance.

SMARTER

Designed with a radial hydraulic ram to optimize space and provide constant production, McLanahan's XK Single-Shaft Grinders utilize a high number of rotations (80-100 rpm) to process material. The automatic lubrication system is controlled by a PLC. The PLC control also includes a stop and reverse system for non-shreddable material. Blades on the XK Single-Shaft Grinders are configurable for thickness and number of teeth based on your application requirements.



Wear-proof shaft



Interchangeable selection screen



Interchangeable blades

XK Single-Shaft Grinders

TECHNICAL SPECIFICATIONS					
	XK2000	XK2500	XK3000	XK3000 Evolution	XK3000H (Hydraulic Transmission)
Machine Width*	122"	122"	122"	150"	110"
Machine Length*	181"	201"	220"	291"	285"
Machine Height*	94"	94"	205"	197"	122"
Rotor Diameter	24"	24"	24"	30"	24"
Rotor Length	79"	98"	118"	118"	118"
Plate Type	Flat	Flat	Flat	Flat	Flat
Plate Dimensions	5" x 5"	5" x 5"	5" x 5"	5" x 5"	5" x 5"
Weight*	25 Tons	27.5 Tons	30 Tons	55 Tons	30 Tons
Installed Power (HP)	1x215 1x268	1x268 1x335	1x268 1x335	2x335	2x268
Selection Screen	da 1" a 5"	da 1" a 5"	da 1" a 5"	da 1" a 5"	da 1" a 3"
Main Control Panel Controls	Push button panel with lighted signals PLC controlled automations, integrations, emergencies, etc. Control instruments 24V AC power line				

*Hopper and support frame excluded. Customizable dimensions.