

APPLICATION

MATERIAL: Daily food waste from supermarkets including, coconuts, corn stalks and husks, large quantities of orange peels, celery, plums and peaches with pits, pineapples, artichokes, and rubberbands.

PRODUCTION CAPACITY: Nominal 1 TPH, continuous; up to 2 TPH including surges.

Capacities are based on regular and continuous feed evenly distributed across the rotor face. Maximum size pieces should not exceed 10% of feed and should be randomly spaced. Surges resulting from large pieces must not exceed five (5) seconds duration.

SPECIAL FEED CHARACTERISTICS: Feed should be metered onto the conveyor on a continuous basis as intermittent feed can reduce capacity.

SYSTEM DESCRIPTION

STANDARD EQUIPMENT FURNISHED BY REM MACHINERY, INC.:

- * SDF2012WFP Stationary Drop Fed Food Processor
- * Double screw infeed with hopper and drive
- * Coupling
- * 6" discharge screw with drive
- * Processor Motor
- * Common Structural Steel Base for mounting Processor and Processor Motor

OPTIONAL EQUIPMENT AND SERVICES FURNISHED:

- * Receiving, Storage and Installation
- * Power Supply
- * Foundations and Foundation Design
- * Anchor Bolts and Grouting
- * Field Painting and Paint
- * Field Wiring and Electrical Apparatus and Equipment
- * Lubricants
- * 120 Volt Power Supply for Control

Any items and services not specifically included or described in this proposal are to be furnished by the purchaser.

SPECIFICATIONS

**MODEL SDF2012WFP
STATIONARY DROP FED FOOD PROCESSOR**

WEIGHT	1,300#
NOMINAL HORSEPOWER RANGE	15-50 HP
NORMAL OPERATING SPEED	1800 RPM
FEED OPENING	12-1/4" x 17-3/4"
DISCHARGE OPENING	12" X 31"
ROTOR	
Diameter	20"
Length	13"
Weight (without hammers)	270#
WK ²	44 #/Ft ²
SHAFT	
Material	Medium Carbon Steel
Diameter: Through Rotor	2-15/16"
@ Bearings	2.755"
@ Extension	2-7/16"
Keyway (at Extension)	5/8 X 5/16
BEARINGS	
Type	Single Row Ball
Size	70 mm Bore
Lubrication	Grease
Hydraulic Bearing Removal	No
HAMMERS	
Quantity	14
Type	Swing
Weight	6#
Material	H.T. Alloy Steel
Hardness	400 BHN
Number of Rows	4
HAMMER PINS	
Diameter	1-1/8"
Material	H.T. Medium Carbon Steel
FRAME	
Material	Low Carbon Steel
Plate Thickness	1/4"
SIDE LINERS	
Thickness	3/4"
Material	H.T. Medium Carbon Steel
SCREEN BARS	
Type	Racks & Bars
Material	H.T. Medium Carbon steel
Hardness	340-415 BHN

PRICING

Item	Qty	Description	Price
1	1	REM MODEL SDF2012WFP Swing hammer mill constructed using heavy steel frame, heavy duty rotor, alloy-steel hammers, double screw infeed, hopper and drive, 6" powered discharge screw into street pipe. Complete description and specifications can be found on the SPECIFICATIONS page.	\$10,500.00
2	1	PROCESSOR DRIVE MOTOR 15 HP, 1800 RPM, 1.15 Service Factor, 480/3/60, TEFC	495.00
3	1	COUPLING Flexible coupling is included. One coupling half will be mounted on the processor rotor shaft and the other coupling half will be mounted on the electric motor.	450.00
4	1	BASE A structural steel base is provided for common mounting of the processor and processor motor. The base will include a motor support and a coupling guard.	950.00
TOTAL PRICE			\$ 12,395.00