

**MODEL #5400 SCRAP CHOPPER**  
EXTRA HEAVY DUTY MODEL, 3 hp, 1800 rpm  
3 ph motor, 1½ hp 100 rpm gearmotor  
Weight 2600#  
Infeed opening 2½" x 4"  
Approx. 150 fpm — 7½" lengths

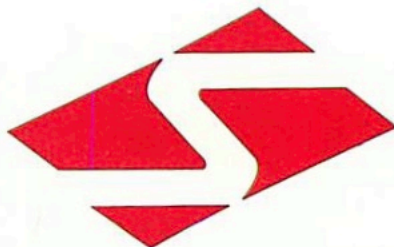
**MODIFICATIONS AVAILABLE:**

single phase motors  
different voltage and cycle  
shorter remnant lengths  
gasoline conversions  
variable speed drives  
portable stands available  
capacity sheet attached





<b>Model 515/517</b>	<b>Model 5400/5403</b>
90 fpm	90 fpm
3 <sup>1</sup> / <sub>2</sub> "	4 <sup>3</sup> / <sub>4</sub> "
1 <sup>5</sup> / <sub>8</sub> " x 3 <sup>5</sup> / <sub>8</sub> " / 6 <sup>5</sup> / <sub>8</sub> "	1 <sup>5</sup> / <sub>8</sub> " x 3 <sup>5</sup> / <sub>8</sub> " / 6 <sup>5</sup> / <sub>8</sub> "
3HP	5 HP main 1 <sup>1</sup> / <sub>2</sub> HP infeed
3ph 230V/460V	3ph 230V/460V
53" x 34" x 30"	48" x 56" x 33.5"
1310/1530 lbs.	3395/3780 lbs.



**Sweed Machinery, Inc.**

# SWEED SCRAP CHOPPERS CUTTING CAPACITIES

**NOTE:** These are maximum capacities. Please consult Sweed when high production operation is required. Exceeding these recommendations voids manufacturers warranty.

INCHES	400		450		505		510		512		515		517		5110		5400		5400 XHD		5403		5403 XHD		5700	
	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK
TENSILE STRENGTH UPTO 145 KSI	3/8"	.09"	3/8"	.13"	3/8"	.15"	3/8"	.18"	1/2"	.18"	1/2"	.20"	3 1/2"	.06"	6 1/2"	.06"	1/2"	.38"	3/4"	.38"	3 1/2"	.10"	3 1/2"	.13"		
	1/2"	.06"	1 1/2"	.09"	1 1/2"	.13"	1 1/2"	.05"	1"	.13"	1"	.18"	4"	.06"	7"	.05"	1"	.25"	1"	.28"	4"	.10"	4"	.13"		
	5/8"	.04"	5/8"	.06"	5/8"	.09"	5/8"	.13"	1 1/4"	.09"	1 1/4"	.13"	4 1/2"	.06"	7 1/2"	.05"	1 1/2"	.18"	1 1/2"	.20"	4 1/2"	.10"	4 1/2"	.13"		
	3/4"	.04"	3/4"	.06"	3/4"	.09"	3/4"	.13"	1 1/2"	.09"	1 1/2"	.13"	5"	.06"	8"	.04"	2"	.15"	2"	.18"	5"	.10"	5"	.13"		
	7/8"	.02"	7/8"	.04"	7/8"	.06"	7/8"	.09"	*2"	.06"	*2"	.13"	5 1/2"	.06"	8 1/2"	.04"	2 1/2"	.13"	2 1/2"	.15"	5 1/2"	.10"	5 1/2"	.13"		
	*1"	.02"	*1"	.04"	1"	.06"	1"	.09"	*2 1/2"	.04"	*2 1/2"	.09"	6"	.06"	9"	.04"	3"	.13"	3"	.15"	6"	.10"	6"	.12"		
			*1 1/4"	.02"	*1 1/4"	.04"	*1 1/4"	.06"			*3"	.09"	6 1/2"	.06"	9 1/2"	.04"	3 1/2"	.10"	3 1/2"	.13"	6 1/2"	.10"	6 1/2"	.12"		
			*1 1/2"	.02"	*1 1/2"	.04"	*1 1/2"	.06"			*3 1/2"	.06"			10"	.04"										
MATERIAL									450		505		510		512		515		5400		5400HD		5700			
1/8" HIGH TENSILE BALE WIRE															1-5 WIRES		4-8 WIRES		5-12 WIRES		8-15 WIRES					
MAXIMUM DIA. SOLID HIGH TENSILE									.203" DIA.		.230" DIA.		.290" DIA.		.312" DIA.		.345" DIA.		.465" DIA.		.508" DIA.					
MAXIMUM DIA. SOLID ALUMINUM OR COPPER									.250" DIA.		.300" DIA.		.390" DIA.		.410" DIA.		.460" DIA.		.625" DIA.		.682" DIA.					
MAXIMUM DIA. STRANDED (ACSR)									1/4"		UP TO 5/16"		UP TO 3/8"		UP TO 7/16"		UP TO 1/2"		UP TO 3/4"		UP TO 1"					
DAILY WIRE VOLUME GUIDE FOR MODEL SELECTION									150#/24 HR.		350#/24 HR.		500#/24 HR.		800#/24 HR.		1200#/24 HR.		HIGH PRODUCTION							

METRIC (MILLIMETERS)	400		450		505		510		512		515		517		5110		5400		5400 XHD		5403		5403 XHD		5700	
	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK	WIDTH	THICK
TENSILE STRENGTH UPTO 1 GPa	10	2.3	10	3.3	10	3.8	10	4.6	13	4.6	13	5.0	89	1.5	165	1.5	13	9.7	19	9.7	89	2.5	89	3.3		
	13	1.5	13	2.3	13	3.3	13	3.8	25	3.3	25	4.6	102	1.5	178	1.3	25	6.4	25	7.1	102	2.5	102	3.3		
	16	1.0	16	1.5	16	2.3	16	3.3	32	2.3	32	3.3	114	1.5	190	1.0	38	4.6	38	5.0	114	2.5	114	3.3		
	19	1.0	19	1.5	19	2.3	19	3.3	38	2.3	38	3.3	127	1.5	203	1.0	51	3.8	51	4.6	127	2.5	127	3.3		
	22	.51	22	1.0	22	1.5	22	2.3	*51	1.5	*51	3.3	140	1.5	216	1.0	63	3.3	63	3.8	140	2.5	140	3.3		
	*25	.51	*25	1.0	25	1.5	25	2.3	*63	1.0	*63	2.3	152	1.5	229	1.0	76	3.3	76	3.8	152	2.5	152	3.0		
			*32	.51	*32	1.0	*32	1.5			*76	2.3	165	1.5	241	1.0	89	2.5	89	3.3	165	2.5	165	3.0		
			*38	.51	*38	1.0	*38	1.5			*89	1.5			254	1.0										
MATERIAL									450		505		510		512		515		5400		5400HD		5700			
3.2mm DIA. HIGH TENSILE BALE WIRE															1-5 WIRES		4-8 WIRES		5-12 WIRES		8-15 WIRES					
MAXIMUM DIA. SOLID HIGH TENSILE									5.2 DIA.		5.8 DIA.		7.4 DIA.		7.9 DIA.		8.8 DIA.		11.8 DIA.		12.9 DIA.					
MAXIMUM DIA. SOLID ALUMINUM OR COPPER									6.4 DIA.		7.6 DIA.		9.9 DIA.		10.4 DIA.		11.7 DIA.		15.9 DIA.		17.3 DIA.					
MAXIMUM DIA. STRANDED (ACSR)									6.4		UP TO 8.0		UP TO 9.5		UP TO 11		UP TO 13		UP TO 19		UP TO 25.4					
DAILY WIRE VOLUME GUIDE FOR MODEL SELECTION									68kg/24 HR.		160kg/24 HR.		230kg/24 HR.		360kg/24 HR.		550kg/24 HR.		HIGH PRODUCTION							

\* Denotes banding should not be fed into machine with clips.

- Reduce thickness by 1/2 if banding is being fed into the chopper with clips or seals, or if bands are folded.
- Exceeding the recommended maximum material thickness voids manufacturers warranty.
- Reduce quantity by 1/2 if wire is folded.
- Exceeding the recommended quantity voids manufacturers warranty.
- Check with manufacturer for recommended infeed funnels in wire applications.
- Consult with manufacturer for materials not covered on capacity sheet.



**Sweed Machinery, Inc.**

*Turning Unmanageable Scrap*