

80" (2030 MM) SMS/TIPPINS STECKEL FINISHING MILL

STECKEL MILL DESIGN:	TIPPINS
YEAR:	1981
STATUS:	CURRENTLY ON FOUNDATIONS AND UNDER POWER
SLAB SIZE:	5" TO 10" (125MM TO 250MM)
FINISH COIL THICKNESS:	0.188" TO 0.75" (4.8MM TO 19MM)
FINISH PLATE GAUGE:	1.65" (42MM)
STEEL GRADES:	LOW, MEDIUM AND HIGH CARBON STEELS HSLA
EDGING MILL:	STAND ALONE, TOP DRIVEN
BU ROLL:	38" DIAM. (965MM)
POWER:	750 HP X 2 (559 KW X 2) 360 RPM
SPEED:	511 FPM (2.6 MPS)
ROLL DIAMETER:	38" (965 MM)
CROP SHEAR:	
THICKNESS:	1.5" (38MM)
DRUM SIZE:	36" DIAMETER X 104" FACE (914MM X 2642MM)
POWER:	600 HP (447 KW) 375/750 RPM
CUTTING FORCE:	390 TON (3470 KN)
MIN TEMP:	1725°F (940°C)
COILER FURNACE:	
DRUM DIAMETER:	54" (1371 MM)
POWER:	2800 HP (2088 KW) 282 RPM
FUEL:	GAS FIRED
FOUR HIGH STECKEL MILL	
WORK ROLL:	29" (742 MM) NOMINAL SIZE
BU ROLL:	57" (1448 MM) NOMINAL SIZE
ROLL FORCE:	HYDRAULIC GAUGE CONTROL
BEARINGS:	TAPERED ROLLER BEARINGS ON WORK AND BACK UP ROLLS
POWER:	3750 HP X 4 (2796 KW) 107/214 RPM
ROLLING FORCE:	4000 TON (35500 KN)
ROLLING SPEED:	816 – 1633 FPM (4.15 – 8.3 MPS)

80" (2030 MM) SMS/TIPPINS STECKEL FINISHING MILL

UPCOILER

TYPE: FOUR ROLL HYDRAULIC
MANDREL DIAMETER: 30" (762 MM)
POWER: 1100 HP (820 KW)
450/600 RPM

FEATURES:

- HYDRAULIC AGC
 - FURNACE CHARGING TABLES
 - FURNACE CHARGING MACHINE
 - FURNACE DISCHARGE TABLE
 - FURNACE DISCHARGE MACHINE
 - MILL APPROACH TABLES
 - SHEAR EXIT TABLES
 - HIGH PRESSURE DESCALE BOX
 - FRONT AND BACK MILL TABLES
 - FRONT AND BACK COILING FURNACE GATES
 - FRONT AND BACK CENTERING SIDEGUIDES
 - MILL RUNOUT TABLES
 - 5 BANK LAMINAR FLOW SYSTEM
 - UPCOILER CENTERING GUIDES
 - COIL DISCHARGE HANDLING EQUIPMENT
- LARGE QUANTITY OF OPERATING AND MAINTENANCE SPARES

INVENTORY ID: 200456-000-00

CASEYUSA®

Revised 11/1/16

Page 2 of 2

CASEY

275 Kappa Drive, Pittsburgh, PA 15238

Ph: (800) 882-7000 • (412) 963-1111

Fax: (412) 963-0378

E-mail: mechanicalsales@caseyusa.com

Web: www.caseyusa.com