

SPECIFICATIONS

7.0 & 2.0 SQ. IN. BIRDSBORO COMBINATION FLYING HOT SHEAR

EQUIPMENT

MANUFACTURER: BIRDSBORO
AGE: 1978
QUANTITY: 2 (1 ASSEMBLED; 1 DISASSEMBLED LESS BRGS)

GENERAL SPECIFICATIONS:

TYPE: COMBINATION OVERHUNG CRANK ARM AND ROTATING DRUM SHEAR WITH TRAVERSING BASE

CAPACITY 1: 6.94 SQ. IN. @ 400/1600 FPM USING ROTARY DRUMS KNIFE
@ 8.33 CUTS PER MINUTE ON DUTY CYCLE
44.8 SCM @ 244 1610 MPM

CAPACITY 2: 2.0 SQ. IN. @ 800/2000 FPM USING @ 13.33 CUTS PER MINUTE ON DUTY CYCLE
12.9 SCM @ 244 1610 MPM

PRODUCT: ROUNDS, FLATS AND STRUCTURAL BARS

MATERIAL: CARBON STEEL @ 1600°F

KNIFE WIDTH: 9" FACE FOR EACH TYPE (229 MM)

TRAVERSE CYLINDER: 24" CAPACITY TO ADJUST FOR PASS LINE (610 MM)

DRIVE ACTUATION: CONTINUOUSLY RUNNING VIA AN ADJUSTABLE SPEED DC MOTOR VIA MULTIPLE V BELTS CONNECTED TO A FLY WHEEL UTILIZING AN AIR-OPERATED CLUTCH AND BRAKE FOR START AND STOP ACTUATION.

DRIVE: 50 H.P. D.C. MOTOR
CD409AY FRAME
1750 RPM
BELT DRIVE WITH WICHITA CLUTCH

FEATURES: 24" ADJUSTABLE PASS LINE TRAVERSE (610 MM)

104525-000-00 (SP0002)
104525-001-00 - IDENTICAL SHEAR DISASSEMBLED - NEEDS BEARINGS

CASEY

275 Kappa Drive, Pittsburgh, PA 15238
Ph: (800) 882-7000 • (412) 963-1111
Fax: (412) 963-0378 • E-mail: info@caseyusa.com
Web: www.caseyusa.com