

# 7.0 & 2.0 SQ IN BIRDSBORO COMBINATION FLYING HOT SHEAR

MANUFACTURER: BIRDSBORO  
AGE: 1978

## GENERAL SPECIFICATIONS:

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

CAPACITY 1: 7 IN<sup>2</sup> @ 400/1600 FPM @ 8.33 CPM (45 CM<sup>2</sup> @ 485 MPM)

CAPACITY 2: 2.0 IN<sup>2</sup> @ 800/2000 FPM @ 13.33 CUTS PER MINUTE (13 CM<sup>2</sup> @ 609 MPM)

PRODUCT: ROUNDS, FLATS AND STRUCTURAL BARS

MATERIAL: CARBON STEEL @ 1600°F

KNIFE WIDTH: 9-1/4" FOR 7 IN<sup>2</sup> (240 MM)  
7-1/2" FOR 2 IN<sup>2</sup> (190 MM)

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

DIRECTION OF TRAVEL: RIGHT TO LEFT (VIEWED FROM OPERATORS SIDE)

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: ● CLEANED AND PAINTED 2012

INVENTORY ID: 104525-000-00 (SP0002)

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Revised 5/16/2013

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