



# SINGLE CORNERING MACHINES



ASSURANCE YOU MADE  
THE RIGHT DECISION

# SINGLE CORNERING MACHINES

Whether using the hydraulic or manual model, you will increase your production with the large lift capacity. Challenge cornering machines minimize operator fatigue and provide the power needed for cornering difficult jobs of index and coated stock. Give your jobs that added professional quality with our dependably accurate cuts with each cornering stroke of our single cornering machines.

## HYDRAULIC

### FEATURES - BENEFITS

- 6 sizes of cornering knives
- Handles any size sheet
- 4"/ 10 cm lift capacity
- Hydraulic powered
- Precise cutting action
- Gravity chip disposal

### SPECIFICATIONS

- Maximum Lift Height: 4"/ 10 cm
- Range of Lift Widths: Open
- Corner Sizes Handled: 1/8", 1/4", 3/8", 1/2", 5/8", and straight\*  
3 mm, 6 mm, 10 mm, 16 mm, and straight\*  
\*(1-1/4"/ 3.2 cm max., 1"/ 2.54 cm recommended)
- Table Depth: 24"/ 61 cm
- Table Width: 20-1/4"/ 51.5 cm
- Table Height: 36"/ 91 cm
- Height Overall: 52"/ 132 cm
- Floor Space Required: 24"x 20-1/4"/ 61 x 51.5 cm
- Net Weight: 190 lbs/ 86 kg
- Shipping Weight (approximate): 265 lbs/ 120 kg

### ELECTRICAL CE

- Standard Motor: 1/2 HP, 60 Hz, AC, 115 volts/ 13.5 Amps
- Service size 20 Amps.
- Optional Motor: 230 Volts, 50 Hz, 7 Amps.

Note: Special NEMA 5-20R receptacle required for 20 Amp service



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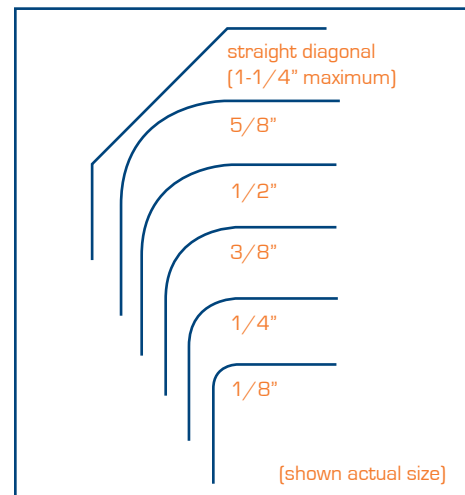
## MANUAL

### FEATURES - BENEFITS

- 6 sizes of cornering knives
- Handles any size sheet
- 2"/ 5 cm lift capacity
- Manual operation
- Precise cutting action
- Gravity chip disposal

### SPECIFICATIONS

- Maximum Lift Height: 2"/ 5 cm
- Range of Lift Widths: Open
- Corner Sizes Handled: 1/8", 1/4", 3/8", 1/2", 5/8", and straight\*  
3 mm, 6 mm, 13 mm, 10 mm, and straight\*  
\*(1-1/4"/ 3.2 cm max., 1"/ 2.54 cm recommended)
- Table Depth: 24"/ 61 cm
- Table Width: 20-1/4"/ 51.5 cm
- Table Height: 36"/ 91 cm
- Height Overall: 52"/ 132 cm
- Floor Space Required: 24"x 20-1/4"/ 61 x 51.5 cm
- Net Weight: 145 lbs/ 66 kg
- Shipping Weight (approximate): 220 lbs/ 100 kg



Challenge reserves the right to make changes to any products or specifications without notice and without incurring responsibility to existing units.

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