

# X Marks the Spot



## Specifications:

Maximum cutting width

30-1/2" / 77.5 cm

Clamp opening

4" / 10.2cm

Maximum cut depth

30-1/2" / 77.5 cm

Minimum cut without false  
clamp plate

3/4" / 19mm

Minimum cut with false  
clamp plate

2" / 5cm

Clamping force

Minimum/Maximum

400 lbs (180 daN)

5,000 lbs (2,200 daN)

Clamping method

Hydraulic and power soft clamp

Electrical

5 H.P., 208/230 Volts AC, 60 Hz,  
3-Phase, 25 A (40 A Service)

Warranty

2 years top to bottom

On all parts and manufacturing

(Excluding consumables)

The Challenge **Champion 305 X** continues our well known excellence for innovation, reliability and durability. The cast iron arch, base, and table are at its' foundation. UHMW (Ultra-High Molecular Weight) gib surfaces and composite bushings require virtually no maintenance for years of trouble-free operation. Standard features such as power soft pre-clamping, floating backgauge fingers, and an automatic false clamp detection system reduce operator error and maximize productivity.

The handwheel-operated manually positioned backgauge of the **Champion 305 X** is accented with a 5" LCD display. Machine self-diagnostics and error indication walk the operator through any difficulties.

The **Champion 305 X** meets the toughest safety standards in the industry today. State-of-the-art Category 4 light beam safety curtains, an enclosed rear table, precise two-hand timed non-repeat cut buttons, and a knife safety latch all contribute to our UL, cUL, and CE certifications. No other manufacturer of paper cutters in this size takes these extra steps to provide the most highly recognized safety certification in the country.

Proudly manufactured in the USA, the **Champion 305 X** continues our ... **assurance you made the right decision.**



assurance you made the right decision

challengemachinery.com

## Specifications:

Maximum cutting width

30-1/2" / 77.5 cm

Clamp opening

4" / 10.2cm

Maximum cut depth

30-1/2" / 77.5 cm

Minimum cut without false clamp plate

3/4" / 19mm

Minimum cut with false clamp plate

2" / 5cm

Clamping force

Minimum/Maximum

400 lbs (180 daN)

5,000 lbs (2,200 daN)

Clamping method

Hydraulic and power soft clamp

Electrical

5 H.P., 208/230 Volts AC, 60 Hz,

3-Phase, 25 A (40 A Service)

Warranty

2 years top to bottom

On all parts and manufacturing

(Excluding consumables)

## Specifications

### 305 Models




#### CUTTING

Maximum Cutting Width	30½"/77.5 cm
Minimum Cut: without false clamp plate	¾"/19 mm
with false clamp plate	2"/5 cm
Maximum Cut Depth	30½"/77.5 cm
Clamp Opening: without false clamp plate	4"/10.2 cm
with false clamp plate	3¾"/9.5 cm
Clamping Method	Hydraulic & Manual
Maximum Clamping Force	5000 lbs/2200 daN
Backgauge Control	Manual

#### DIMENSIONS

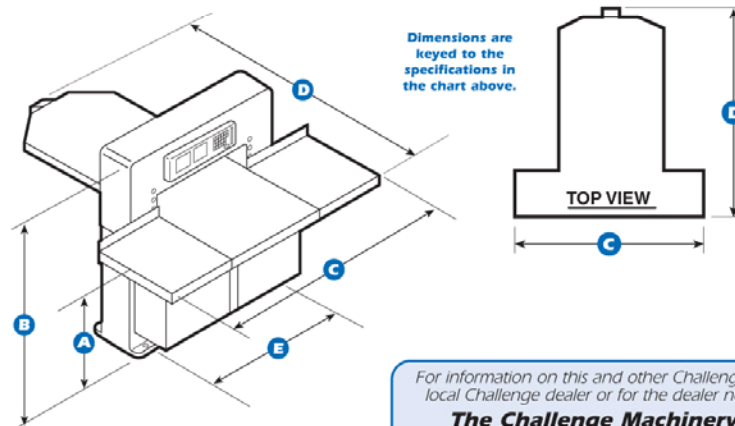
Table Space: in front of knife	25"/63.5 cm
behind knife	30½"/77.5 cm
<b>A</b> Table Height	36½"/94 cm
<b>B</b> Overall Height	58½"/147 cm
<b>C</b> Overall Width (with side tables)	78½"/200 cm
Overall Width (without side tables)	48½"/123 cm
<b>D</b> Overall Length	70"/178 cm
<b>E</b> Mounting Dimension	41½"/105 cm
Door Pass-through: assembled	49"/124 cm
with table/treadle removed	42"/106 cm
with table/treadle/power unit removed	29"/74 cm
Net Weight (approximate)	2550 lbs/1157 kgg
Shipping Weight (approximate)	2750 lbs/1247 kg

#### ELECTRICAL

305 Standard Motor		5 H.P., Three-Phase, 60 Hz, AC 208/230 Volts, 25 Amps (service size 40 Amps) or 460 Volts, 11.5 Amps (service size 20 Amps)
305 Optional Motor		5 H.P., Single-Phase, 60 Hz, AC 208 Volts, 47 Amps (service size 60 Amps) or 230 Volts, 43 Amps (service size 60 Amps)
305 Optional Motor		5 H.P., Three-Phase, 50Hz, AC 380/415 Volts, 10 Amps (service size 15 Amps)

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

® Challenge and Champion are registered trademarks of The Challenge Machinery Company.  
© Windows is a registered trademark of Microsoft Corporation.



For information on this and other Challenge products, call your local Challenge dealer or for the dealer nearest you contact:

**The Challenge Machinery Company**  
6125 Norton Center Drive, Norton Shores, MI 49441 U.S.A.

**231-799-8484**

[www.ChallengeMachinery.com](http://www.ChallengeMachinery.com)



assurance you made the right decision

[challengemachinery.com](http://challengemachinery.com)