



Champion® 305 TC **Programmable Paper Cutter**

List Price:
305 TC Cutter:

\$32,095.00



Key Benefits/Features:

- ✓ User-friendly color touch screen control & fully programmable
- ✓ Hydraulic cutting & clamping
- ✓ Maintenance free red LED cut line light
- ✓ Powered backgauge
- ✓ Table slot closure device
- ✓ Electronic clamp pressure control
- ✓ Air table on main bed
- ✓ Variable mode data entry (fraction, decimal, metric)
- ✓ Automatic fraction to decimal calculation
- ✓ Power foot pedal clamping
- ✓ Rugged steel & cast iron construction – one piece solid cast iron table
- ✓ UHMW adjustable knife bar gibs
- ✓ 2-year warranty

Safety Features:

- ✓ UL/cUL listed and conforms to CE and ANSI B65.3 safety specifications
- ✓ Cutting area protection - light beam safety curtain
- ✓ Two-hand push button control of cutting cycle with timed, non-repeat device
- ✓ Machine self-diagnostics and error indication
- ✓ Rear table covered with see-through Plexiglas
- ✓ Optional ergo-touch cut buttons reduce operator fatigue



(See Page 20 for
Complete TC Features)

The TC control system features:

USB port for simple thumb drive program storage and software upgrades when available from the www.challengemachinery.com website
Auto-programming sheet division with animated graphics
Repeat and Loop commands streamline program entry
10.5" color touch screen control panel
Programmable clamp pressure per cut
Recognizes .csv program files making offline programming simple to implement
Automatic false clamp plate detection
Hand-wheel for manual backgauge adjustment



(Graphical Display
of Program)

Standard Equipment Included: (1) false clamp plate, (2) inlaid high speed steel knives, (4) plastic cutting sticks, (1) jogging aid, (1) manual, (1) tool kit, & (1) knife change safety holder assembly

(Continued)



Champion® 305 TC Programmable Paper Cutter (cont.)

SPECIFICATIONS

Cutting Width	30-1/2"/77.5 cm
Clamp Opening	
w/out false clamp plate	4"/10.2 cm
with false clamp plate	3-3/4"/9.5 cm
Clamping Force	
minimum	1,414 lbs/628 daN
maximum	5,000 lbs/2,200 daN
Min Cut (w/out false clamp plate)	3/4"/19 mm
Min Cut (with false clamp plate)	1-7/8"/4.8 cm
Maximum Cut Depth	30-1/2"/77.5 cm
Table	
In Front of Knife	25"/63.5 cm
Behind Knife	30-1/2"/77.5 cm
Height from Floor	36-1/2"/92.7 cm
Standard Side Tables	18" x 24"/46 x 61 cm
Overall Height	58-1/2"/149 cm
Overall Width (w/side tables)	78-1/2"/200 cm
(w/out side tables)	51"/130 cm
Overall Length	71"/180.4 cm
Will Pass Through Door (assembled)	51"/130 cm
(table/treadle out)	42"/106 cm
(table/treadle/motor out)	29"/74 cm
Net Weight (approx.)	2,360 lbs/1,070 kg
Shipping Weight (approx.)	2,700 lbs/1,225 kg

ELECTRICAL UL/cUL LISTED & CE



Standard Motor: 5 H.P., 60 Hz, 3-Phase, AC. 208/230 Volts/25 Amps (service size 40 Amps).

Custom Motor Options (extra charge):

5 H.P., Three-Phase, 60 Hz, AC in 460 Volts/11.5 Amps (service size 20 Amps).

5 H.P. Three-Phase, 50 Hz, AC in 380/415 Volts/10 Amps (service size 20 Amps), 8KW.

This machine must be wired to an individual line through a disconnect box with the proper voltage at the machine.

OPTIONS

		<u>List</u>
Rotary Phase Converter Kit	#K-3482	\$1,200.00
(Converts 1-phase supply to 3-phase supply)		
Custom Motor Option		\$ 950.00
Plated Table Option		\$1,700.00
Knocked Down (skid will go thru 60" door)		\$ 525.00
Ergo-Touch Cut Buttons (ordered w/ machine)		\$ 725.00
Field Installation Kit	#K-3404	\$ 875.00

LARGE SIDE TABLE OPTIONS

24" x 36"/61cm x 91cm Side Tables		
(In place of Standard Tables)		
Factory Installation	#21-4-103	\$ 660.00
Field Installation Kit	#K-2720	\$1,050.00
24" x 36"/61cm x 91cm Side Tables with Air		
(In place of Standard Tables)		
Factory Installation	#21-4-104	\$1,295.00
Field Installation Kit	#K-47631	\$1,500.00

COMPUTER CONSOLE UPGRADE OPTIONS

Upgrade Kit to TC		
(existing XD, XG, XT to TC)	#K-3484	\$3,200.00

ACCESSORIES

		<u>List</u>
Knives 30-1/2"/77.5 cm		
Inlaid High Speed Steel (standard)	#47508	\$ 405.00
Inlaid Carbon Alloy Steel	#47507	\$ 193.00
Magnetic Clamp Pads	#50082	\$ 40.00
(Package of Two – 3" x 15" each)		
Paper Deflector	#AA-13936-1	\$ 607.00
Plastic Cutting Sticks (Sold by the Dozen)		
Price Per Stick	#4171	\$ 3.35
Book Guides (each)	#5-7-M361	\$ 23.00
Jogging Aid	#A-12608-4	\$ 50.00
Cutter Care Kit	#16077	\$ 88.00
Rykon 46 Hydraulic Oil (13 gallon capacity)		
(Five Gallon Container)	#S-1991-3	\$ 155.00
Waste Wagon	#41058	\$ 170.00
Knife Lifter Assembly	#47575	\$ 130.00
False Clamp Plate	#47006-2	\$ 265.00
Book Trimming False Clamp Plate	#47006-5	\$ 289.00