



Re: New Plasma Pro Comparison Table

Please contact your PPI sales representative for more detailed explanations.

Plasma-Pro COMPARISON TABLE

FEATURE	PLASMA PRO 4.5 (PP4.5)	PLASMA PRO 3.5 (PP3.5)	PLASMA PRO X (PPX)
	Intended as our primary 5 x 20' duct cutter, but also sold in 5x10	Intened as our primary 5 x 10' duct cutter only	Developed as a more flexible platform
Frame construction	3"x 3" welded Square tubing	3"x 3" welded Square tubing	3"x 3" welded Square tubing
EXHAUST PLENUM	Welded 10 ga 2 or 4 zone integrated into the frame	Welded 10 ga 2 zone integrated into the machine frame	2 zone or 1 zone, Optional Sheet metal plenum, fabricated at factory or by customer
EXHAUST PLENUM depth	Fixed 11"	Fixed 11"	Standard is 11" but is customizable up to 24"
Mechanical drive	Helical Gear Rack and Pinion X and Y	Helical Gear Rack and Pinion X and Y	Helical Gear Rack and Pinion X and Y
LONG AXIS SLAVE WHEEL	2 WHEEL SEALED BEARING	2 WHEEL SEALED BEARING	1 WHEEL SEALED BEARING
LONG AXIS DRIVE TRAIN construction	Spring loaded timing belt isolation between motor and drive gear	Spring loaded timing belt isolation between motor and drive gear	Direct Gear Drive Drive
Operator loading - unloading access	3 sides	3 Sides	2 sides
Weight	3500lbs (approximate)	2500lbs (approximate)	2000lbs (approximate)
Max travel speed with standard drives	1200 IPM	1200IPM	1500IPM
CONTROL OPTIONS	*PPI CNC WINDOWS 10 *PPICNC LINUX	*PPI CNC WINDOWS 10 *PPICNC LINUX	*PPI CNC WINDOWS 10 *PPICNC LINUX
MOTOR DRIVE OPTIONS	*STEPPER (STANDARD) *SERVO (OPTIONAL)	*STEPPER (STANDARD) *SERVO (OPTIONAL)	*STEPPER (STANDARD) *SERVO (OPTIONAL)
INTEGRATED STORAGE AREA	YES (30" X 20" X 11")	YES (30" X 20" X 11")	NO
PLASMA OPTIONS			

PPI

PP4 520



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PPI

PP3 510



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PPX



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