



TIG MASTER

PX20TIG

PROFAX

PX20TIG

Cold Wire Feed System for TIG
High Frequency Protected



A PRACTICAL, LOW COST, HIGH EFFICIENCY SYSTEM DESIGNED TO DELIVER SPOOLED WIRE FILLER METAL FOR TIG APPLICATIONS.

Insulated wire drive assembly isolates all electrical components from high frequency interference.

3 YEAR WARRANTY

240 Volt Available

PROFAX NO.	INPUT POWER	WIRE DIAMETERS	WIRE FEED SPEED	WEIGHT	DIMENSIONS
PX20TIG	110VAC 50/60Hz	.023 - 5/64" (0.6 - 2.0mm)	75 - 900 IPM (1.9 - 23 M/MIN)	36 lb. (16.5 Kg.)	H: 14" (356mm) W: 11" (280mm) D: 25½" (648mm)

PX20TIG
& Drive Rolls

FEATURES:

- Improves productivity by eliminating stops caused by cut length wire.
- Eliminates end waste of cut length filler metal, an average savings of 10 to 20%.
- Reduces cost of filler metal by utilizing spooled wire instead of cut length.
- High frequency protection ensures reliability in all TIG applications.
- Low initial cost - The PX20TIG is less than half the cost of most TIG cold wire feed systems on the market today.
- Low operating cost - Utilizes standard feed tips, standard liners, and standard momentary switch on feed pen.
- The PX20TIG ships complete - Includes feed pen and 8' lead, drive rolls, power cord and plug for 110VAC input power.
- Two (2) gear driven rolls with Tool-Less roll change. (Uses Miller® style drive rolls).
- Spool capacity - Standard 12" spools.

"V" GROOVE	
WIRE SIZE	DRIVE ROLL
.023 / .025 (0.6mm)	PX 087130
.030 (0.8mm)	PX 053695
.035 (0.9mm)	PX 053700
.040 (1.0mm)	PX 053696
.045 (1.1/1.2mm)	PX 053697
.052 (1.3/1.4mm)	PX 053698
1/16" (1.6mm)	PX 053699
"U" GROOVE	
WIRE SIZE	DRIVE ROLL
.035 (0.9mm)	PX 072000
.045 (1.1/1.2mm)	PX 053701
.052 (1.3/1.4mm)	PX 053702
1/16" (1.6mm)	PX 053706
5/64" (2.0mm)	PX 053704

Drive Rolls

(2 Required)



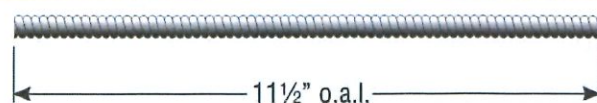
"V" Groove Used for hard wires.

"U" Groove Used for soft-shelled cored wires and aluminum wires.

FEED PEN REPLACEMENT PARTS

PROFAX NO.	DESCRIPTION
PX407839-3	Feed tip tapered, .030
PX407839-6	Feed tip tapered, .035
PX407839-8	Feed tip tapered, 3/64"
PX407839-9	Feed tip tapered, .045
PX407839-12	Feed tip tapered, 1/16"
9491	Liner (for all wire sizes)
SW-1	Bulb switch
FP-8M	Feed pen assembly (8' long)

INLET LINER



PROFAX NO.	DESCRIPTION
81003	Inlet liner for up to 5/64" (2.0mm) wire