

Surelok II 12 24v HS

Reliable Design
Unsurpassed Quality
The Surelok II now with 24v High
Speed Option

Superior Features Include

- Trusted Norlok WAMP Pneumatic Power Unit
- 12" Throat frame clinches from 32 gauge to 14 gauge mild steel
- Intelligent Safety Stroke now with adjustable "Anti Fatigue" 400ms to 3sec Auto Cycle
- Fastest OSHA safe clinching in the world - 2.5 clinches per second

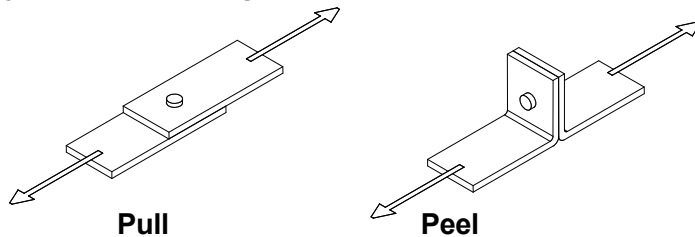


INNOVATIONS IN ENGINEERING

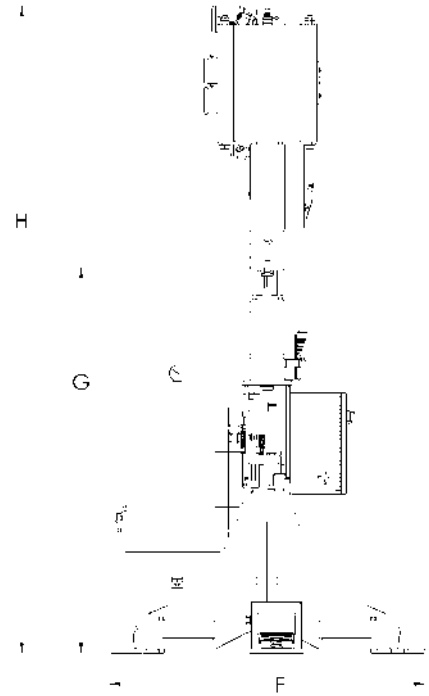
SPECIFICATIONS – SURELOK II

Press Design:	Solid 3" (76mm) steel "C" frame. Rigid steel frame = longer tool life
Features:	WAMP pneumatic power unit. Regulator, Shut-off valve Foot pedal operated
Stroke:	1" (25.4mm) max. (adjustable) "Intelligent" safety stroke for greater operator safety.
Throat:	12" (305mm)
Work Height:	45" (1143mm)
Upper Tooling:	Round only Close tooling access allows for more applications. Simple adjustments to suit material thickness.
Lower Tooling:	Die insert on a hardened die plate with a hardened protection collar.
Capacity:	MAX: 2 ply .075" (1.9mm) mild steel. MIN: 2 ply .010" (.25mm) mild steel.
Cycle speed:	150 cycles/minute @ 3/8" stroke
Power Requirements:	90 to 120psi (6.1 - 8.1 Bar) 100psi (6.8 Bar) (recommended) Approx .5 cuft (.014cu m) free air/cycle 5HP (3.75kW) @ 60 clinches per min. 115/230 VAC 50/60 Hz .46/.26 Amps
Weight:	852 lb (387 kg)

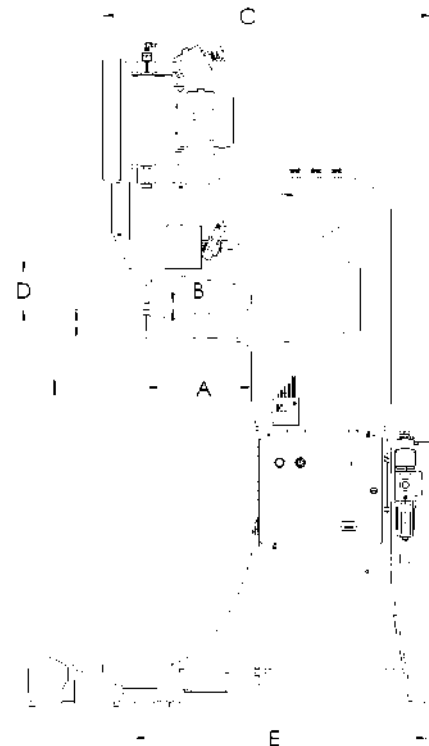
Typical Joint Strengths in Mild Steel:



Material Thickness" (mm)	Pull lbs(N)	Peel lbs(N)	Die Type
.075 (1.9)	550 (2447)	225 (1001)	#50
.060 (1.5)	475 (2113)	175 (778)	#50
.050 (1.25)	430 (1913)	150 (667)	#40/#50
.040 (1.0)	400 (1779)	120 (534)	#40
.034 (.86)	375 (1668)	100 (445)	#30/#40
.028 (.71)	325 (1446)	85 (378)	#30
.022 (.55)	285 (1268)	70 (311)	#30



SURELOK	
A	12"(304 mm)
B	1.0"(25.4 mm)
C	38"(965 mm)
D	4.25"(108 mm)
E	34"(864 mm)
F	37"(940 mm)
G	45"(1143 mm)
H	76"(1930 mm)
I	3.3"(83.8 mm)



Pipe diameter	Die reach into Pipe
4" (101 mm)Ø	9" (228 mm)
5"+ (127 mm)Ø	12" (305 mm)