



VULCAN MACHINERY CORP.

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Engineering Makes The Difference™

**SHEET LINE
 SL Series**



Polishing Roll Dia. (inches)	Roll Face Width (inches)				Draw Roll Dia. (inches)	Drive HP (each)
	8	14	20	28		
8	SL88	SL814	SL820	SL828	4	1
12	SL128	SL1214	SL1220	SL1228	6	1 ½
16	SL168	SL1614	SL1620	SL1628	6	2

PROGRAMMABLE CONTROLS:

- 4.1" LCD touch screen HMI
- Proprietary software driven display
 - Guides operator through set-up and prevents input errors
- Start pushbutton
- Emergency stop pushbutton
 - All roll nips open on emergency stop
- Remote draw roll start/stop pushbutton
- Independent open/close pushbuttons for both top and bottom polishing rolls and draw rolls
- Adjustable acceleration and deceleration
- Max./min. speed adjustments
- Gap setting and roll protection are jack screw actuated
 - .025" vertical movement per revolution of handle

POLISHING ROLL STAND:

- Three-roll s-wrap, down-stacked
- Double shell spiral baffled rolls
- Non-binding lineal motion; open/close
- Max. opening – 4"
- Fluid Passage – ¾" NPT
 - ¾" NPT rotary unions installed inlet and outlet
- Roll surface – eight micro-finish
 - Single hard chrome plated to .010" thickness
 - Roll concentricity \pm .001"
- Max. nip closing force – 150 lbs./lineal inch
- Nip Actuation – pneumatic as standard (other options available)
 - Jack screw adjustment up to 1"
 - .025" movement per revolution of jack screw
 - Closed gap tolerance \pm .001"
 - Independent stops for left and right roll adjustment

DRAW ROLL STAND:

- Two-roll, vertically aligned
- 70 A durometer natural rubber covered rolls
 - Surface ground to .5" thickness
- Nip pneumatically actuated
 - Max. nip opening – 4"
 - Nip lineal force adjustable to a max. of 100 of 100 lbs./lineal inch

FRAME:

- Heavy wall tubing, steel plate and structural sections
- Two rigid and two swivel casters and hold-downs
- Screw type floor jacks
- Fully guarded drive train and electrical components

ELECTRICAL:

- Standard Electrical is 230 Volt/3 Phase/60 Hertz
 - Electrical other than the above is available as an option

OPTIONS:

- Hardened rolls
- Lower micro-finishes on roll surface
- Three zone direct injected or closed circuit temperature control unit; 250°F max. 9 KW Heater
- Automatic Vent; LED set point and display with system status indicators
- High temperature draw roll surface compounds
- Floor tracks with or without drive for 36" movement of sheet line
- Hydraulic nip actuation
- Dual hard chrome plate for corrosive materials



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