



VERTICAL BLOCK SAW MACHINE

SDS 1000 / SDS 1500



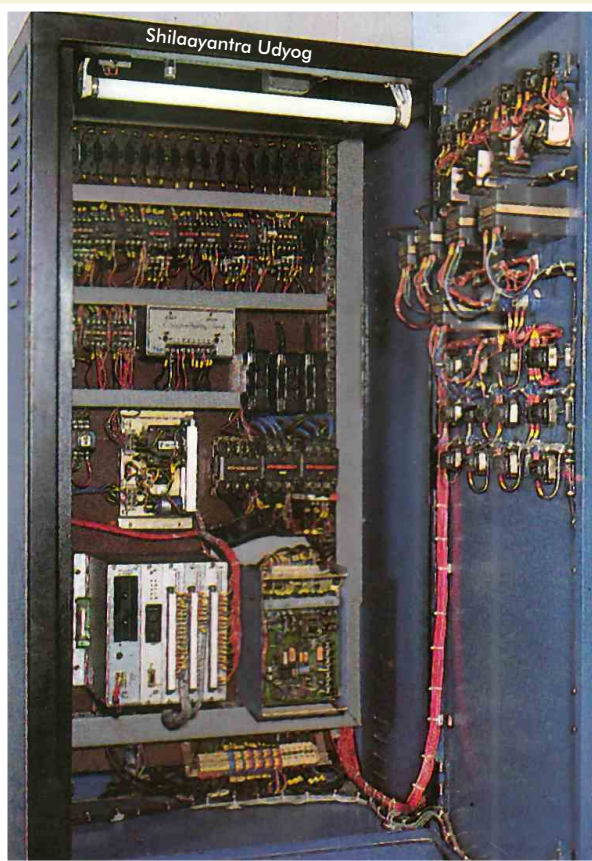
SDS 1500

Spindle Housing

Fully automatic, robust circular saw
to achieve high production at lower
cutting costs !

Shilaayantra Udyog Pvt. Ltd.

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Sophisticated panel board with automatic / manual operation switches

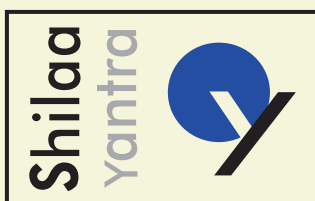
DESCRIPTION

1. Cross beam is a cast iron structure having 'V' groove slides for ample contact of bearing surface. This will improve the smooth, vibration free movement of the U-frame.
2. Cross beam is mounted over the concrete columns. Up and down movement of spindle housing is affected by hard chrome pillars, totally four in number.
3. The slide ways are covered with special material to avoid slipstick or jerky movement of any moving parts.
4. Amply powered main spindle drive with belt and pulley system to give more production.
5. Robust worktable to withstand rough working conditions, can be loaded with blocks upto 15 tonnes.
6. Sophisticated panel board with present counters, glow-meters and display meters. Up-to-date model for both manual and automatic operations.
7. Accurate and precision sized slabs at each cutting as worktable displacement is controlled by an encoder.
8. The overall construction of the machinery is very rigid and highly sophisticated for long life of the machine and better quality of the product.

MAIN SPECIFICATIONS

DESCRIPTION	SDS 1000	SDS 1500
DIAMETER OF THE BLADE	1000 mm	1500 mm
RPM OF MAIN SPINDLE	570 rpm	380 rpm
MAIN SPINDLE MOTOR RATED HP	25 HP	30 HP
ELEVATING SPEED	400 mm / Min.	400 mm / Min.
ELEVATING MOTOR RATED HP	2 HP	2 HP
MAXIMUM TRAVERSE FEED STROKE	3500 mm	3500 mm
TRAVERSE FEED SPEED	0-500 mm / Min.	0-500 mm / Min.
TRAVERSE FEED MOTOR RATED HP	2 HPDC	2 HPDC
MAXIMUM CUTTING DEPTH	370 mm	600 mm
FEEDER TABLE SIZE	1000 x 2500 mm	1000 x 2500 mm
WATER REQUIREMENT	70 lts. / Min.	70 lts. / Min.
WATER PRESSURE	1.5 Kgs / Sq.cm	1.5 Kgs / Sq.cm
INSTALLATION FLOOR SPACE	6000 x 5500 x 4500 mm	6000 x 5500 x 4500 mm

The specifications above are for information only. The manufacturer reserves the right to make any change to the above features.



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