

## **SANDEEP CIRCULAR SAW MODEL SCS-350**

**MAIN BODY :** Machine main body is of box frame type of heavy construction of high quality steel suitably ribbed to ensure rigidity and alignment accuracy.

**SLIDING TABLE:** Working table is of high quality cast iron, heavily ribbed, precisely machined and finished to dead true flatness and straightness.

Table is provided with a groove for Mitre fence.

**FENCE:** The Fence is of high grade Aluminum of substantial section and is fully adjustable manually across the table with screw adjustable for fine setting.

**SAW MOUNTINGS** The Spindle of the circular saw alongwith motor and spindle housing is mounted on a frame which is tiltable to desired angle through a convenient hand wheel and is placed below the working table. An additional mechanism is provided in this very assembly for raising and lowering the circular saw through another convenient hand wheel and lockable in desired position. This arrangement gives the facility of adjusting the saw blade to desired depth of cut and locking it in that position as well as tilting of the saw blade to desired angle and locking it in that position.

Both vertical as well as angular adjustment of the circular saw above the working table are easily readable on appropriate dials with indicators.

The main spindle is of suitable alloy steel and rigidly mounted on heavy duty precision ball bearings enclosed in a dust proof housing. The spindle is accurately dynamically balanced before fitting the whole assembly in the dust proof housing. This ensures minimal vibrations.

Circular saw is secured rigidly on the spindle between two flanges of suitable dimensions with locking arrangement. Renewal / replacement of the saw is easy and quick.

The main spindle has suitable drive mechanism with constant tension drive from a counter balanced motor.

The machine is totally enclosed type and connectable to dust extractor unit.

## GUARDING OF CIRCULAR SAW

The blade of a circular saw is safe guarded by

A) guards for the part below the bench

B) A riving knife at the back of the saw above the bench.

All the guards provided on the machine are strong, of fabricated steel and designed to enclose the saw to the maximum possible extent to prevent the person employed from accident and at the same time shall not adversely affect the working of the machine.

#### LUBRICATION

All the bearings are pre-packed for life, suitable lubrication system is provided to all other sliding and rotating parts.



#### TECHNICAL SPECIFICATIONS:

- Blade Diameter 350mm
- Tilt of Blade 45°
- Speed of Saw spindle to infinitely 2000- 4000 rpm  
Variable with AC Drive
- Depth of cut 100mm
- Diameter of saw spindle 25.4
- HP of Motor 4 KW (5.5 HP)
- Dust Collector Chute Ø100mm

#### STANDARD ACCESSORIES

1. Saw Blade fitted on the machine 1 Set
2. Service Tool Kit

3. Parts & Operation Manual

**OPTIONAL ACCESSORIES**

- 1. Auto Feeder                      1 No.
- 2. Dust Collector                    1 No.



