



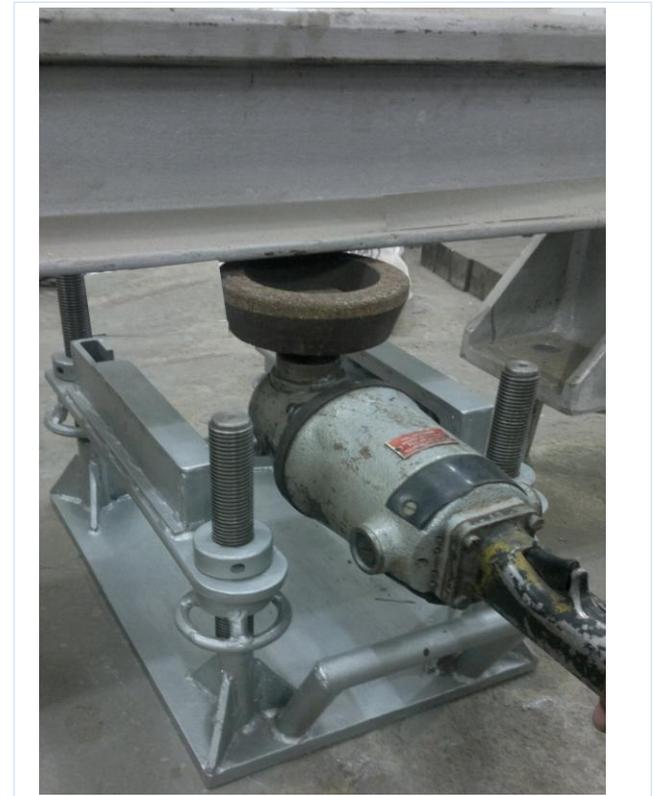
# Rail Bottom Grinder

## Special Features

- Firm and Robust Base Plate Design.
- Bolt Supported horizontal and vertical Feed.
- Durable and maintenance free life.
- Easy to Carry, Store and Transport.
- High Power Square Threads for Vertical Adjustment.
- Surface Protected.

## Specifications

Angle Grinder	:	Dual Compatibility (AG 7" & AG 9")
Weight (dry)	:	20 Kg (approx)
Surface Finish	:	Silver Paint
Horizontal Feed	:	200 mm
Vertical Feed	:	175 mm
No of Support Bolts	:	4 nos.



## Description

Rail profile bottom grinder is extremely useful equipment in today's stringent environment where track laying is of paramount importance. This grinder take care of the typical requirement of grinding the rails from bottom after the weld joint is done. It is a special type of rail profile grinder, which profiles/grinds the welded rail joints from beneath the rail. Generally two or three units of this machines are deployed simultaneously during the treatment of rail joint bottom before laying. Rail bottom grinder has a flexible design which can accomodate AG7 or AG9 grinders and is made to the specifications of grinder to be used. It has ample scope of adjusting the height and horizontal feed to accommodate all working scenarios.

## Guidelines

### Usage

1. Tighten the Angle Grinder Pins on the grinder arms.
2. Place the base at the suitable location where welded joints are to be treated.
3. Lock the arms of grinder in machine frame slots.
4. Ensure the grinder performs smooth horizontal movement within the slots.
5. Adjust vertical Height on all support bolts and guage check them unified.
6. Use the machine by sliding action of grinder within the machine frame slots, for grinding the welded joints from beneath.

### Precautions in Operation

Following precautions shall be observed during working:

1. The operator shall not exert excess pressure on grinder.
2. Fitter should ensure oiling or greasing is done on the threads of bolts.
3. Fitter should ensure the right location of machine frame along rail.
4. Preferably there shall be no oily substance on the surface of rail so as to prevent slippage during operation.

### Handling

1. The grinder shall be handled with care to avoid physical damage, especially to the threads of the support bolts.
2. Please ensure a jerk/impact free handling to keep alignment, bolts threads and surface finish safe.

### Transportation

The rail bottom grinder comes in simple design/assembly, hence it can be easily carried by one person. Or it can be transported by mono rail trolley, any other rail vehicle or by any road vehicle.

### Storage

Preferably, rail bottom grinder shall be stored in some form of enclosure (bags/boxes) and kept in a dust-free environment.

### Maintenance

Rail bottom grinder is a maintenance free equipment. For use at multiple location, we recomend timely lubrication of bolt threads .

### Consumables

Grease/Oil for lubrication of threads.

### Manpower requirement

One (Skilled)