

You Name the Application .....  
 ..... We Build the equipment !  
 We convert your expectations in to reality !!

# DYNAMIC

## Engineering and Solutions

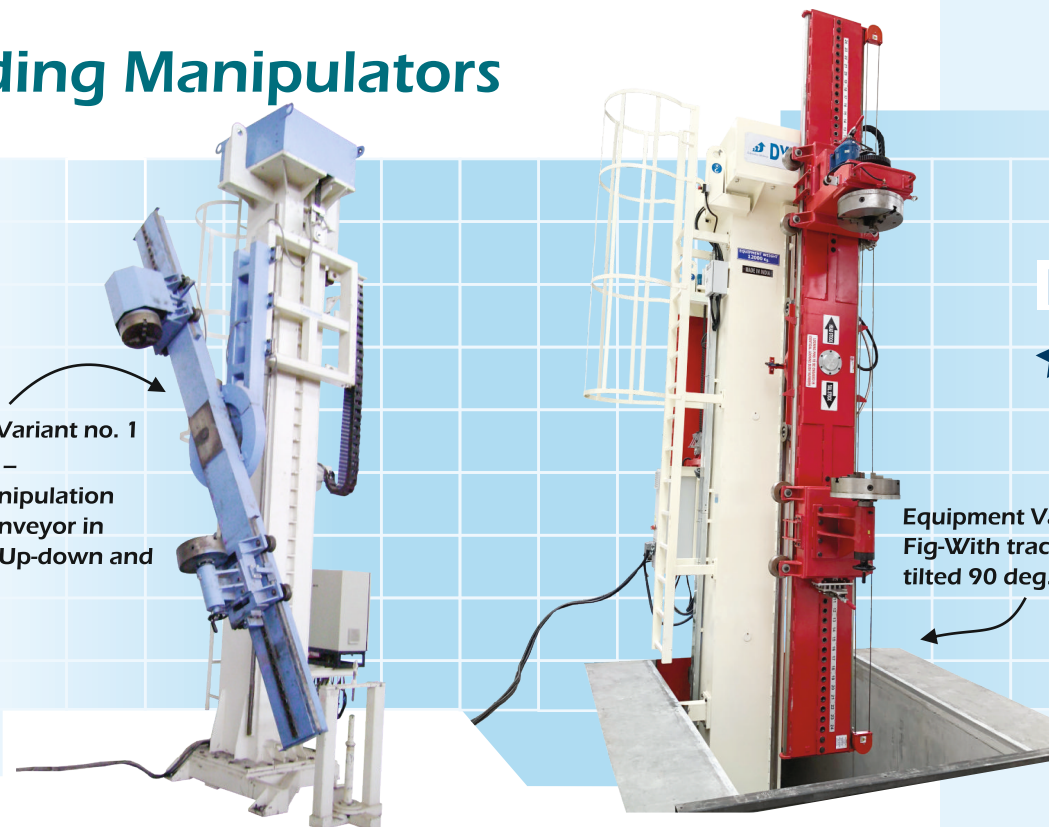
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Automation Solutions



## Welding Manipulators



Equipment Variant no. 1  
 Tilting type –  
 3 Axes - Manipulation  
 of Screw conveyor in  
 Rotational, Up-down and  
 tilting axes

Equipment Variant no. 2  
 Fig-With track  
 tilted 90 deg. Vertical

**Function - Manipulation of job (screw conveyor) in order to provide 1G position for welding**

### Salient Features :

- ✓ Ease of welding for operators as it provides 1G position.
- ✓ Ease of handling heavy jobs & desired positioning.
- ✓ High Productivity with safe working.
- ✓ Consistent Quality of operation.
- ✓ Axes manipulation – Rotational, Up-down & Tilting axes.
- ✓ Motorized movement for head stock and tail stock (optional).
- ✓ Customizable according to requirement

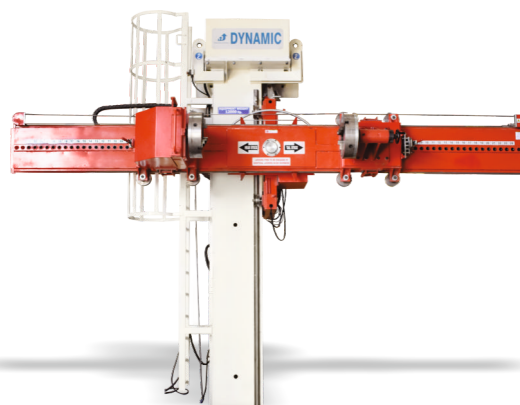


Fig- With track horizontal, Equipment commissioned in pit

**Stop!**  
 Still using old,  
 Manual, Time  
 consuming process ?

**Go** for DE & S  
 developed efficient,  
 automatic, safe, time  
 saving equipment  
 and relax!

### Table- Technical specifications :

Table- Equipment Variant no. 1

Description	Unit	Specification
Maximum Job diameter	mm	600
Maximum Job length	mm	2600
Minimum Job length	mm	1200
Maximum Job weight	Kg	600
Overall dimensions of the equipment	mm	4500x2100x5500

Table- Equipment Variant no. 2

Description	Unit	Specification
Maximum Job diameter	mm	1020
Maximum Job length	mm	4000
Minimum Job length	mm	500
Maximum Job weight	Kg	1500
Overall dimensions of the equipment	mm	6280x3050x7100