

MECHANICAL JIM CROW

Heavy Duty Rail Bending Tool



	CAPACITY RANGE	24 lbs to 150 lbs
	TYPE	Mechanical Rail Bending Tool
	OPERATION	Manual Screw Operation
	CONSTRUCTION	Heavy Duty Fabricated Steel
	APPLICATION	Rail Alignment & Rail Bending

FEATURES

- Heavy-duty mechanical construction
- Proven railway maintenance tool
- Manual screw operation
- Positive load application
- Portable field design
- Suitable for rail correction work
- Long service life
- Low maintenance

APPLICATIONS

- Railway maintenance
- Rail bending
- Track correction
- Permanent way maintenance
- Railway workshops
- Track renewal works

TECHNICAL SPECIFICATIONS – MECHANICAL JIM CROW

HEAVY DUTY SERIES		
Capacity (lbs)	Screw Dia (mm)	Span (mm)
24	50	400
30	53	450
45	57	500
65	63	600
75	67	600
90	70	600
100	75	600
110	78	600
120	85	600
150	90	700

COMMERCIAL GRADE		
Capacity (lbs)	Screw Dia (mm)	Span (mm)
30	50	400
45	55	450
60	60	500
75	62	600
90	70	600
100	75	675
125	82	750
150	90	800

HYDRAULIC JIM CROW

Hydraulic Rail Bending Equipment



	SUITABLE RAIL	60 Kg Rail
	SPAN	600 mm
	CYLINDER CAPACITY	40 Tonnes
	STROKE	80 mm
	OPERATION	Hydraulic

FEATURES

- Faster rail correction
- Uniform force application
- Reduced operator effort
- Heavy-duty construction
- Field proven design
- High bending capacity
- Rugged industrial build
- Reliable performance

APPLICATIONS

- Rail alignment
- Railway maintenance
- Track correction
- Rail bending operations
- Permanent way maintenance
- Track renewal projects

TECHNICAL SPECIFICATIONS – HYDRAULIC JIM CROW

PARAMETER	VALUE
Suitable Rail	60 Kg Rail
Span	600 mm
Cylinder Capacity	40 Tonnes
Stroke	80 mm
Working Pressure	510 Kg/cm ²
Approx Weight	104 Kg

OPERATING GUIDELINES

- 1 Inspect equipment before use.
- 2 Position tool centrally on rail.
- 4 Apply load gradually.
- 4 Do not exceed rated capacity.
- 5 Keep screw threads lubricated.
- 6 Inspect hydraulic components regularly.

