



## REBAR PROCESSING EQUIPMENTS





# BAR BENDING MACHINE



## *New Planetary Gearbox Design*

Imagerive Bar Bending Machines are specially design as per the Indian working conditions with all required safety. We use advance CNC Laser cutting, CNC turning and VMC for manufacturing parts.

We use Three stage Planetary gearbox design, which helps in reducing speed and improving the performance, also alloy steel material of gears and pin with suitable heat treatment and flame hardening improves the life of the gearbox & machine.

Specially designed electrical braking circuit which safety stops the motor and which eliminates need of Brake motor, thus reducing breakdown and maintenance of changing brake liners.

We are using all electrical components with CE certified and reputed make (Schneider, L&T). Use of imported heavy duty foot switch with a top cover for protection from falling debris & material at sites.

These machines are provided with wheels for easy movement at site.

## SPECIFICATION

MODEL	RPM	MOTOR POWER kw (HP)	BEND WHEEL DIA	DIMENSIONS L X W X H (mm)	WEIGHT (kg)	MAX. BEND RADIUS (mm)	BUSH SIZE (mm)
IBM42	9	3.7 (5)	320	900 X 670 X 900	315	4D of $\phi 25$ 3D of $\phi 32$	$\phi 55, \phi 75, \phi 90$
IBM52	9	3.7 (5)	420	1050 X 790 X 900	375	5D of $\phi 32$ 4D of $\phi 36$	$\phi 55, \phi 75, \phi 90,$ $\phi 120, \phi 160$
IBM55	6	5.5 (7.5)	500	1150 X 900 X 1070	530	6D of $\phi 36$ 5D of $\phi 42$	$\phi 55, \phi 75, \phi 90$ $\phi 120, \phi 160, \phi 220$

# BAR CUTTING MACHINE



Imagerive Bar Cutting Machines are specially design as per the Indian working conditions with all required safety.

Each part in this model in cutting machine is designed with advance software with a goal to make the machine rugged, stronger & maintenance free.

The cutting blades are made from special hardened steel & designed to cut small and big diameter steel rods.

We use double stage of helical gearbox design, which helps in reducing speed and improving the life of blades vastly.

The gears and all moving parts are made with alloy steel with suitable heat treatment and flame harden in gears for wear resistance.

Minimum vibration and less noise while cutting bars because of dynamically balanced flywheel, thereby ensuring long life of moving parts.

These machines are provided with wheels for easy movement at site.

## SPECIFICATION

MODEL	DIMENSIONS L X W X H (mm)	WEIGHT (kg)	STROKE / MIN	MOTOR kw(HP)
ICM42	1075 X 900 X 525	420	85	3.7 (5)
ICM52	1130 X 750 X 920	565	55	4 (5.5)
ICM55	1210 X 735 X 1010	820	50	5.5 (7.5)



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MANUFACTURING INNOVATION

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