MS®
LIFE
600 Steel Bars
SMART STEEL.
BETTER CONSTRUCTION

MS Agarwal Foundries Pvt. Ltd.
(Government of India recognised Export House)

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Branches in Chennai and Bengaluru

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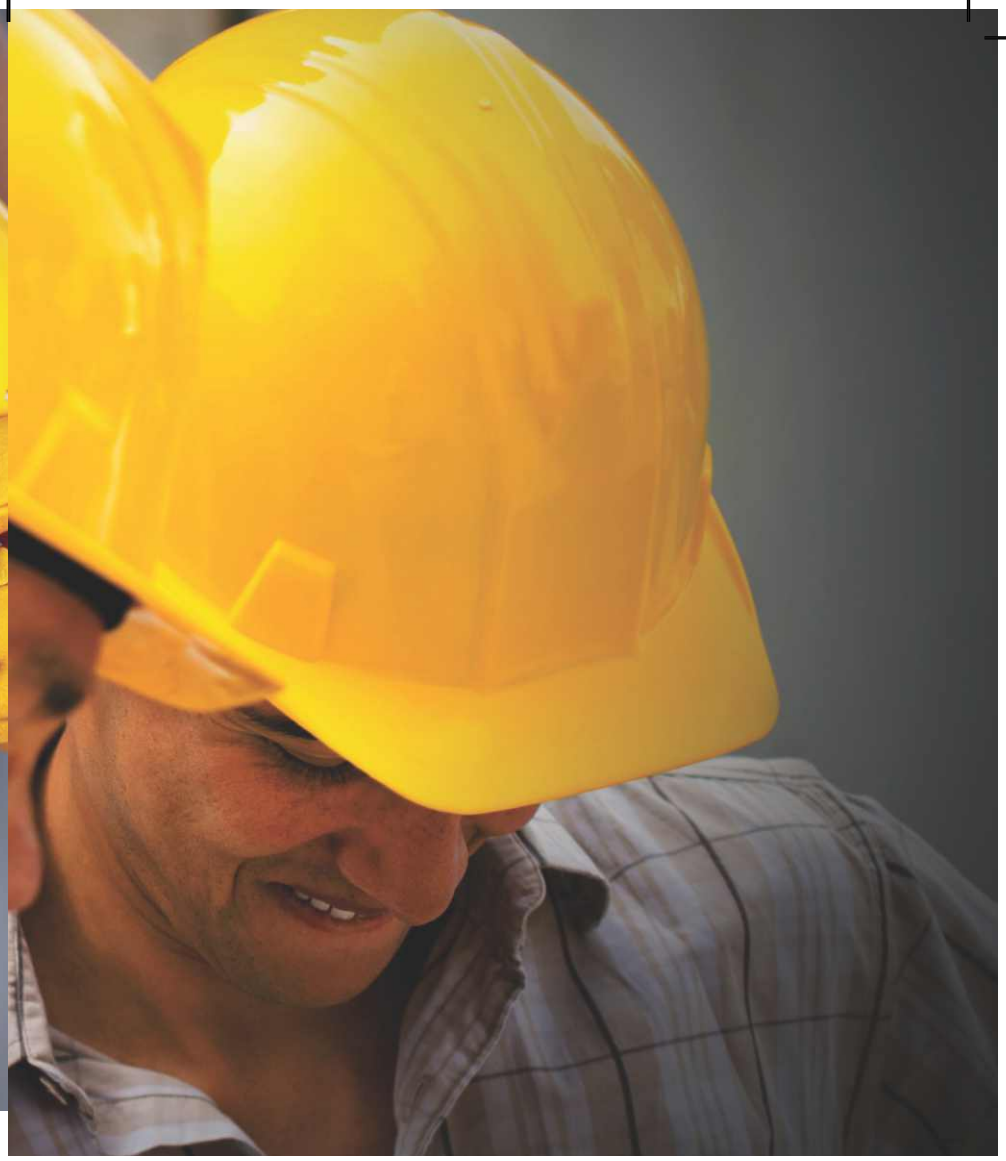
TAILOR-MADE STEEL FOR ALL YOUR NEEDS

Cut and Bend reinforced steel from the stables of MS Agarwal Group

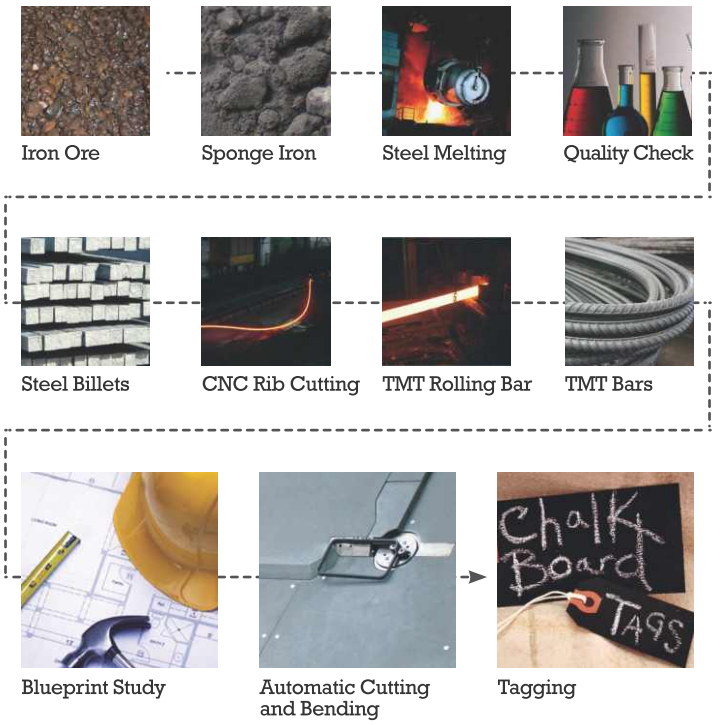


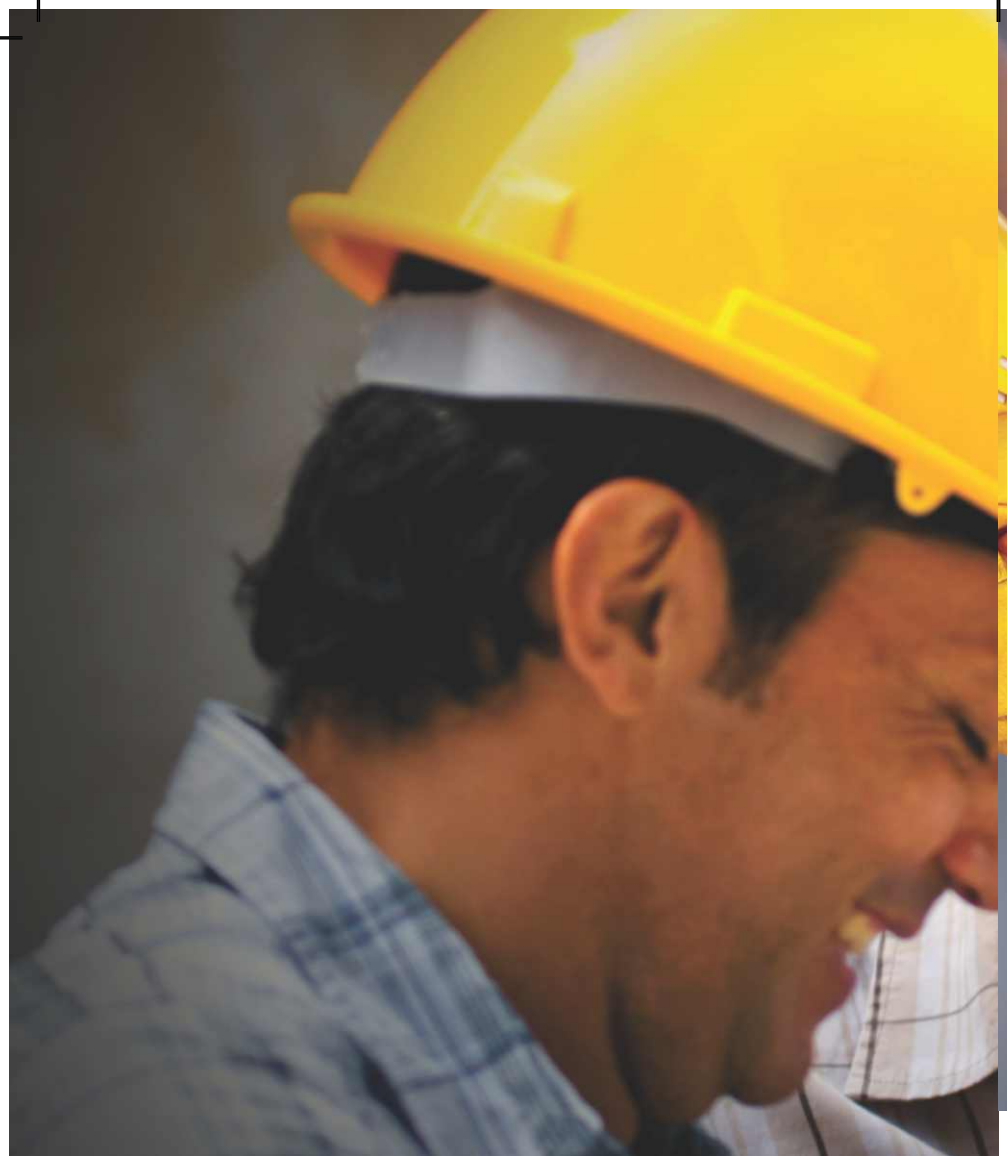
What is cut & bend steel?

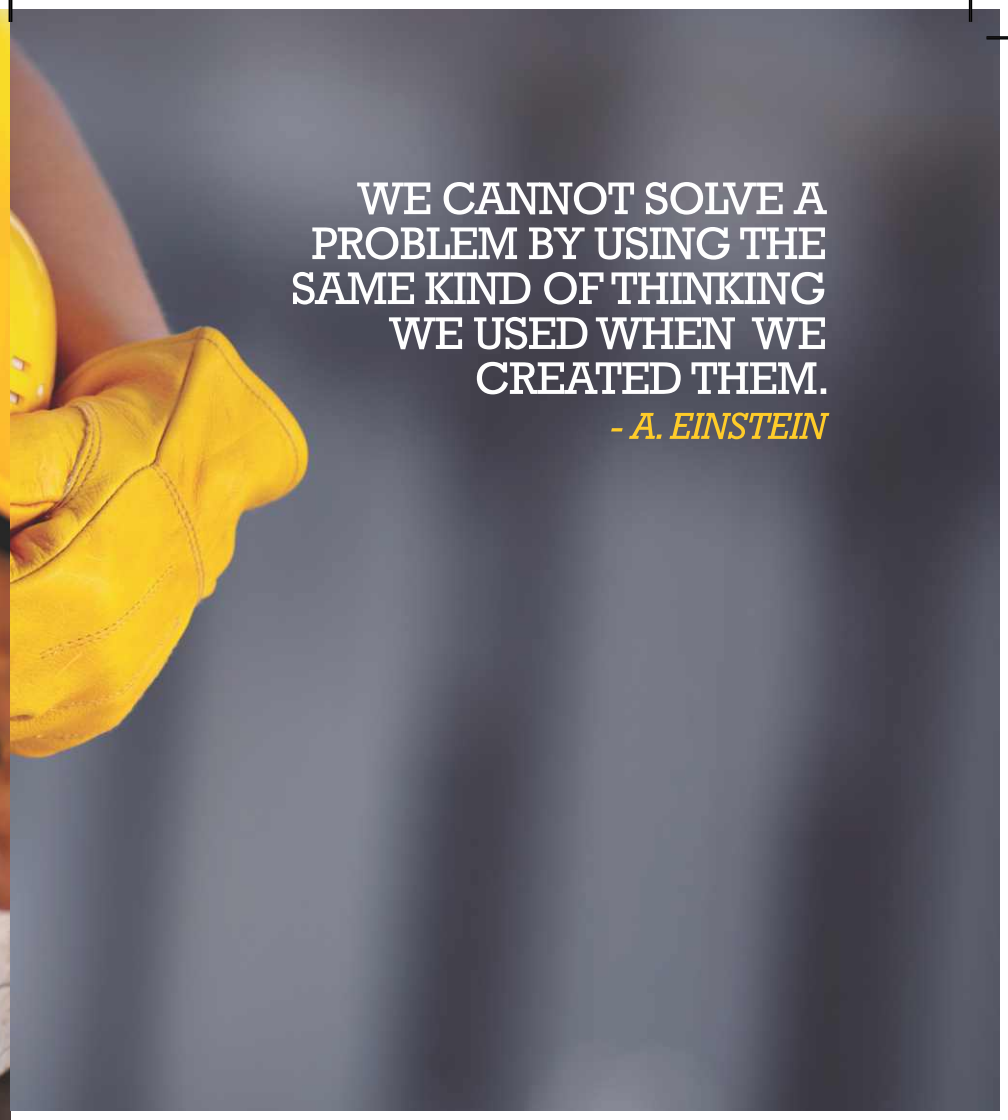
The one constant factor that drives the success of any business is '*change*'. And that is what MS Agarwal Foundries Pvt. Ltd., an integrated steel plant has always believed in. Ever since inception the Company has been a front runner of supplying steel re-bars to its evergrowing list of clientele, from Greenfield projects like Hyderabad & Bangalore International Airport Ltd., Gangavaram & Krishnapatnam port, Outer ring road, Metro Rail, Mega Power plants, National Highways, major irrigation projects, etc.,

Changing times and shortening of gestation periods of projects required steel that was custom made to suit every project, thus enhancing savings, in terms of time, labour and money. The result - Cut & Bend Steel, a steel that is tailor made for individual projects right in its inception stages itself. The fully integrated and automated machinery at MS Agarwal Foundries Pvt. Ltd. studies the blue print of the project and assigns a technical team who can supervise the entire operation. The machines cut and bends the steel to the required need thus allows minimizing of wastage, savings hours of time, wastage, labour costs etc.,

Manufacturing Process



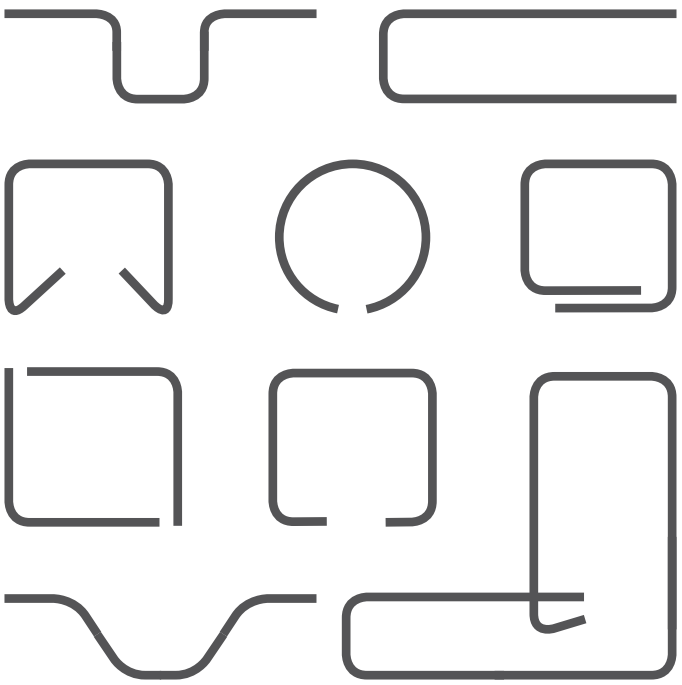




WE CANNOT SOLVE A PROBLEM BY USING THE SAME KIND OF THINKING WE USED WHEN WE CREATED THEM.

- A. EINSTEIN

Ready made sets



Benefits over conventional steel

Time

Time is one of the major advantages, as unbundling, stacking, segregation, measuring, manual cutting and bending of the rebars is reduced by less than half

Accuracy

Another major advantage is the accuracy at which the steel can be automizied to ensure exact degree bend and precision cutting with +/- 1mm

Scrap

Zero wastage with utmost precision as the steel is cut and bent as per the exact specifications of the blue print

Labour

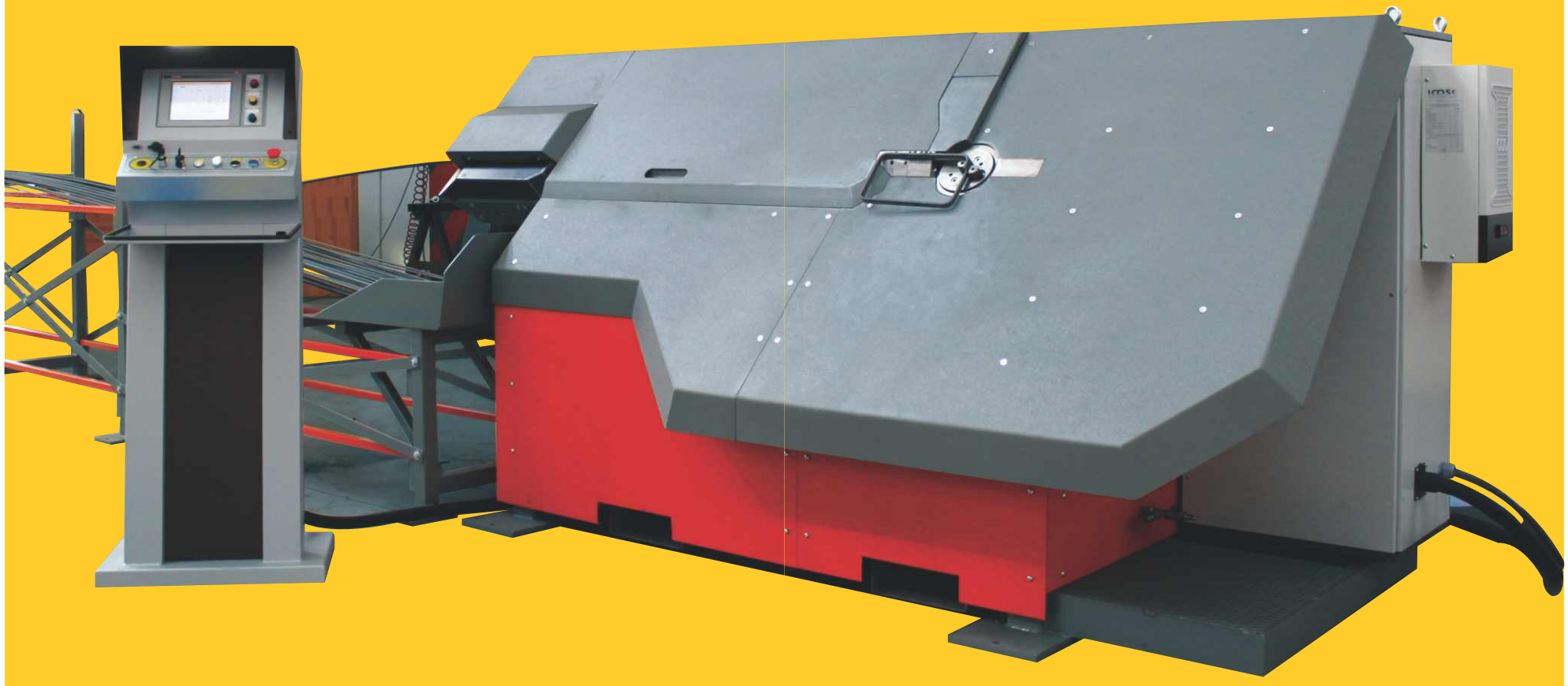
Manual labour escalates the cost exponentially which can be almost nullified

Pilferage

Waste steel always increases the chances of pilferage at every site. Exact quantity of steel is supplied in numbers thereby ensuring no pilferage.

Storage

The storage hassles at the site are fully eliminated. There is no need to maintain minimum stock level and block crunch working capital



Time and cost analysis

STAGES	CONVENTIONAL BAR BENDING	MS CUT & BEND
Structural Drawing	✓	✓
Generate BBS - Detailing Engineer	✓	×
Issue BBS to Contractor - Engineering Dept.	✓	×
Issue Material Request	✓	×
Arrange material / Steel - Purchase	✓	×
Store material at the yard	✓	×
Contractor work schedule	✓	✓
Make cut and bend - complete all bar marks	✓	×
Supply at site	✓	✓
Reuse the cut material	✓	×
Scrap Supervision	✓	×
Scrap Storage	✓	×
Store the scrap	✓	×
Arrange quote for scrap disposal	✓	×
Dispose scrap	✓	×

Traditional vs conventional project schedule chart