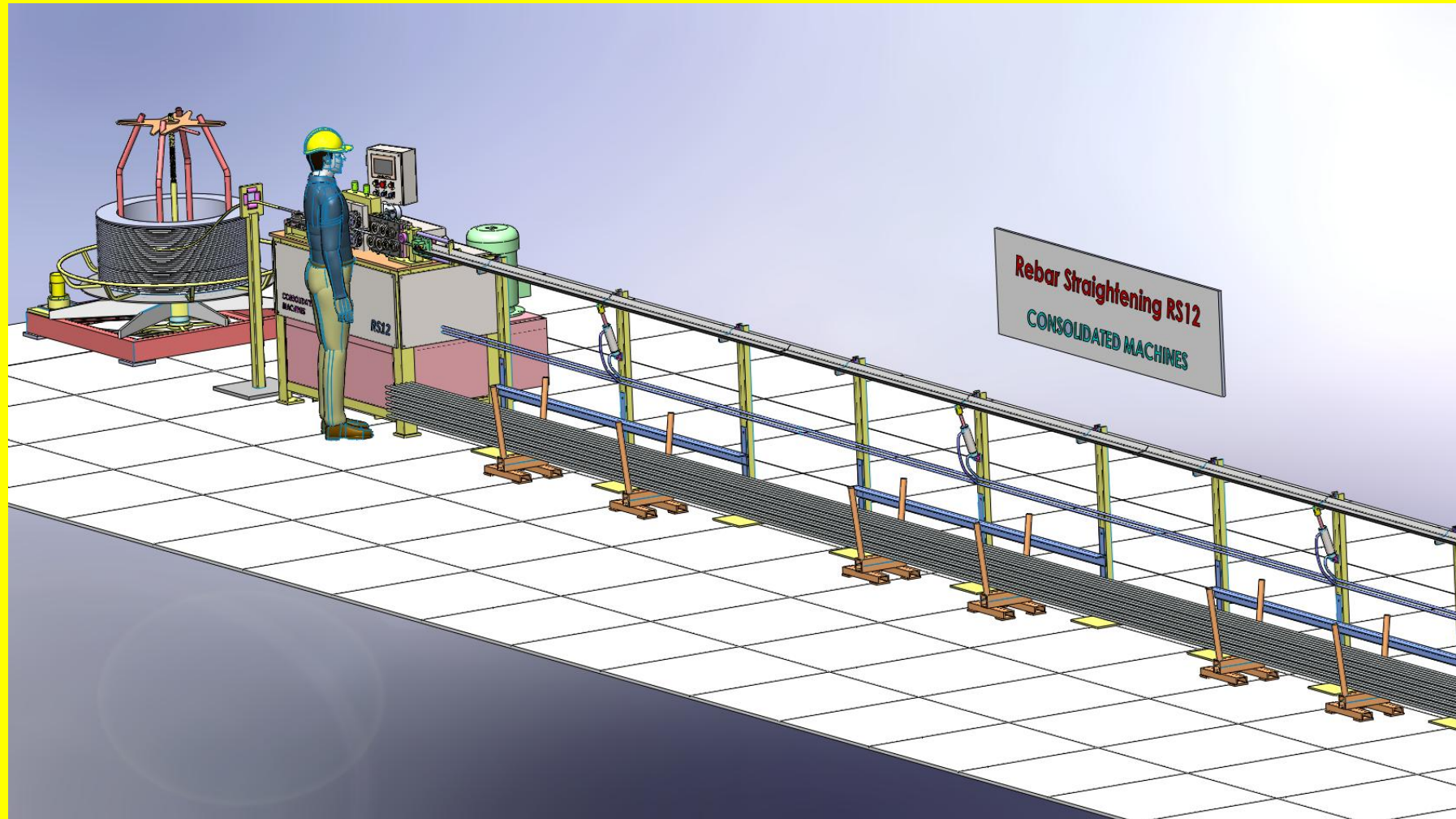








## **REBAR STRAIGHTENING LINE - RS12**

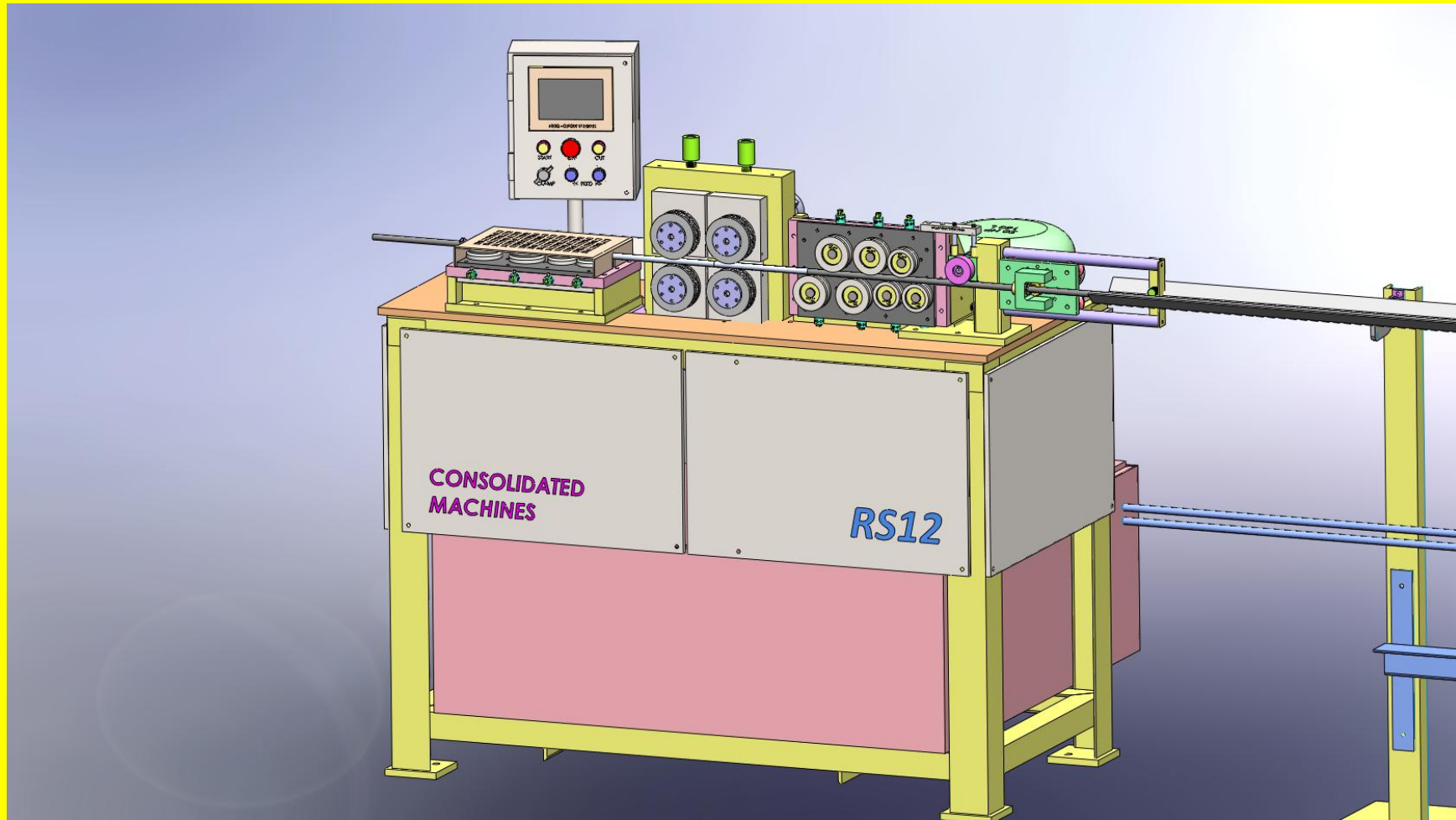


**GENERAL ARRANGEMENT WITH 12M COLLECTING SYSTEM**

## GENERAL FEATURES

-  COMMONLY USED BY REBAR DISTRIBUTORS TO CONVERT COIL FORM TO STRAIGHTENED PRODUCT
-  BAR STRAIGHTENING IN TWO PLANES – PROGRESSIVE WITH MULTIPLE ROLLER ARRANGEMENT
-  COIL DISPENSER UNIT – DETAILS PROVIDED
-  BAR COLLECTING SYSTEM – MODULAR CONSTRUCTION
-  PLANT FOOT PRINT: 16M x 2.5M
-  MODULAR CONSTRUCTION – EASY TO INSTALL OR RELOCATE

## STRAIGHTENING MACHINE



## SPECIFICATIONS

- BAR SIZES CAPABLE : TMT METRIC SIZE 8 / 10 / 12 (USA EQUIVALENT #2 / #3 / #4)
- STRAIGHTENING SPEED: 48 METERS PER MINUTE
- POWER INSTALLED : 20 HP (15.6 Kw) – AC ELECTRIC MOTORS
- ELECTRO-HYDRAULIC DRIVE  
BUILT WITH BEST-IN-CLASS ELEMENTS LIKE BOSCH REXROTH / YUKEN / SIEMENS
- PLC CONTROLS : OMRON / ABB / DELTA

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## **COIL DISPENSER:**



POWERED SYSTEM TO SYNCHRONIZE WITH MACHINE SPEED – TO ENSURE SMOOTH RUNNING



ACCEPT COIL SIZES : MINIMUM ID 650 MM - MAXIMUM OD 1200 MM - MAXIMUM HEIGHT MAXIMUM COIL WEIGHT 2500 KGS

## **BAR RECEIVING SYSTEM:**

FOUR METER MODULES – WITH BAR COLLECTING BINS

## **MATERIALS AND FINISH**

TOOLING AND LOAD BEARING ELEMENTS OF ALLOY STEEL TOUGHENED, PHOSPHATE FINISH  
PANELS POWDER COATED, STRUCTURE FABRICATION WITH ZINC RED-OXIDE AND QUALITY PAINT  
FINISH

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## CREDITS

- ✓ **SUITABILITY** : IDEAL PLANT FOR TMT DISTRIBUTORS
- ✓ **DESIGN** : MODULAR DESIGN EASY TO INSTALL AND RELOCATE
- ✓ **CAPEX** : MODERATELY PRICED
- ✓ **PRODUCTIVE** : PROGRAMABLE AND PRODUCTIVE
- ✓ **OPERATING COST**: MINIMAL LABOR
- ✓ **POWER EFFICIENT**: MOTOR RUN INTERMITTENTLY, SAVES POWER
- ✓ **MAINTENANCE** : SIMPLE CONSTRUCTION WITH PLC – WHICH MEANS EASY ON MAINTENANCE AND INVENTORY
- ✓ **SERVICES** : INDIGENOUS BUILT SUPPORT IS PROMPT

PROCESS OF CONTINUOUS IMPROVEMENT – SPECS MAY CHANGE



5 DARSHAN UDYOG. SAFEDPUL. MUMBAI 400 072. INDIA TEL: +91 98200 79035 / 77035  
email: [CONSOLIDATEDMACHINES@GMAIL.COM](mailto:CONSOLIDATEDMACHINES@GMAIL.COM); [WWW.CONSOLIDATEDMACHINES.NET](http://WWW.CONSOLIDATEDMACHINES.NET) Tel: 92465 68775