



## Welcome to EONMETALL

Eonmetall was incorporated in Malaysia and is a main board public listed Company in The Malaysia Bourse.

The principle activity of Eonmetall is in the manufacturing of world class metalwork and industrial process machinery and equipment, globally accepted high quality flat steel products as well as the easy to assemble and quality assured steel storage system.

Solely, understanding manufacturing needs is not always enough to guarantee an edge over our customers' business requirements, Eonmetall pushes beyond traditional boundaries and works across disciplines. We have firm commitment in providing IT solutions to complement our customers' needs. Keeping pace with the fast moving business world, we ventured into District Cooling System (DCS) related projects in GCC region, in particular Dubai, United Arab Emirates.

Eonmetall consistent philosophy of uncompromising quality has gained recognition as the leading manufacturer and design innovator of Metalwork machinery and equipment. We have grown steadily over the years and simultaneously built up an extensive distribution network of established customers and markets.

Eonmetall's products are globally accepted with market penetration in Asia, Asia Pacific, Africa, Europe and North America. Eonmetall gives its customers a total solution in advance design, reliable engineering, world class manufacturing and cost effective project management.



## EONMETALL GROUP BERHAD.

### MACHINERY & EQUIPMENT:-

- Cold Rolling Mill Machine
- Annealing Furnace
- Continuous Hot Dipped Galvanizing Line
- Prepainted Galvanizing Line
- Slitting Line Machine
- Cut To Length Machine
- Pipe Line Machine
- Angle Bar Machine
- Flat Bar / Square Bar / Deformed Bar Machine
- Cold Rolled Forming Machine
- Expanded Metal Machine
- Industrial Roofing Sheet Forming Machine
- Corrugated Sheet Forming Machine
- Powder Coating Line
- Overhead Crane
- Palm-pressed Fibre Oil Extraction Plant (PFOE)

### STEEL STORAGE SYSTEMS:-

- Selective Racking System
- Double - Deep Racking System
- (VNA) Very Narrow Aisle Racking System
- Drive-in And Drive-through Racking System
- Rack Supported Platform / Office
- Steel Building
- Mezzanine Floor Planks (Galvanized Iron)
- Rack Components And Accessories
- Boltless Shelving Systems
- Slotted Angle Shelving Systems
- 2 In 1 Racking & Easy Rack

### FLAT STEEL PRODUCTS:-

- Cold Rolled Coil
- Hot Dipped Galvanizing Coil (GI)
- Prepainted Galvanizing Coil (PPGI)
- Roofing Sheets
- High Tensile G.I. Purlin
- Steel Tubes & Pipes

### ENGINEERING & TECHNOLOGY:-

- IT Solutions:
  - a) Shop Floor Automation
  - b) Enterprise Software (ERP)
- District Cooling System



# www.eonmetall.com

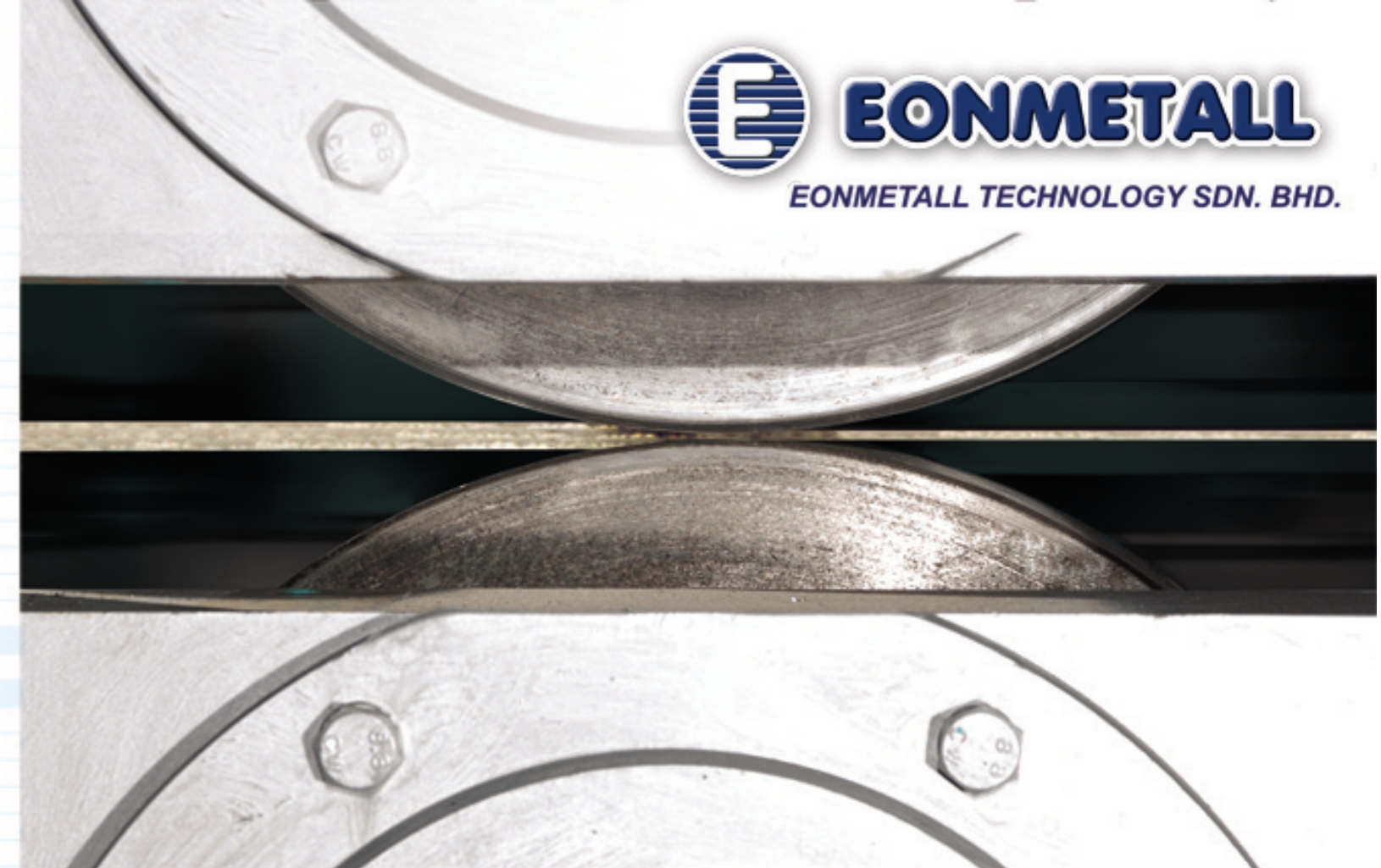
info@eonmetall.com

Plant 1.  
Lot 1258 & 1259, Mk. 12, Jalan Seruling,  
Kawasan Perusahaan Valdor,  
14200 Sungai Bakap, Penang, Malaysia.

+604-5828323  
+604-5821525

Plant 2.  
Lot 385 & 393, Mk. 12, Jalan Perindustrian Valdor,  
Kawasan Perusahaan Valdor,  
14200 Sungai Bakap, Penang, Malaysia.

+604-5828651  
+604-5828727



## Flat Bar Machine Square Bar Machine Deformed Bar Machine

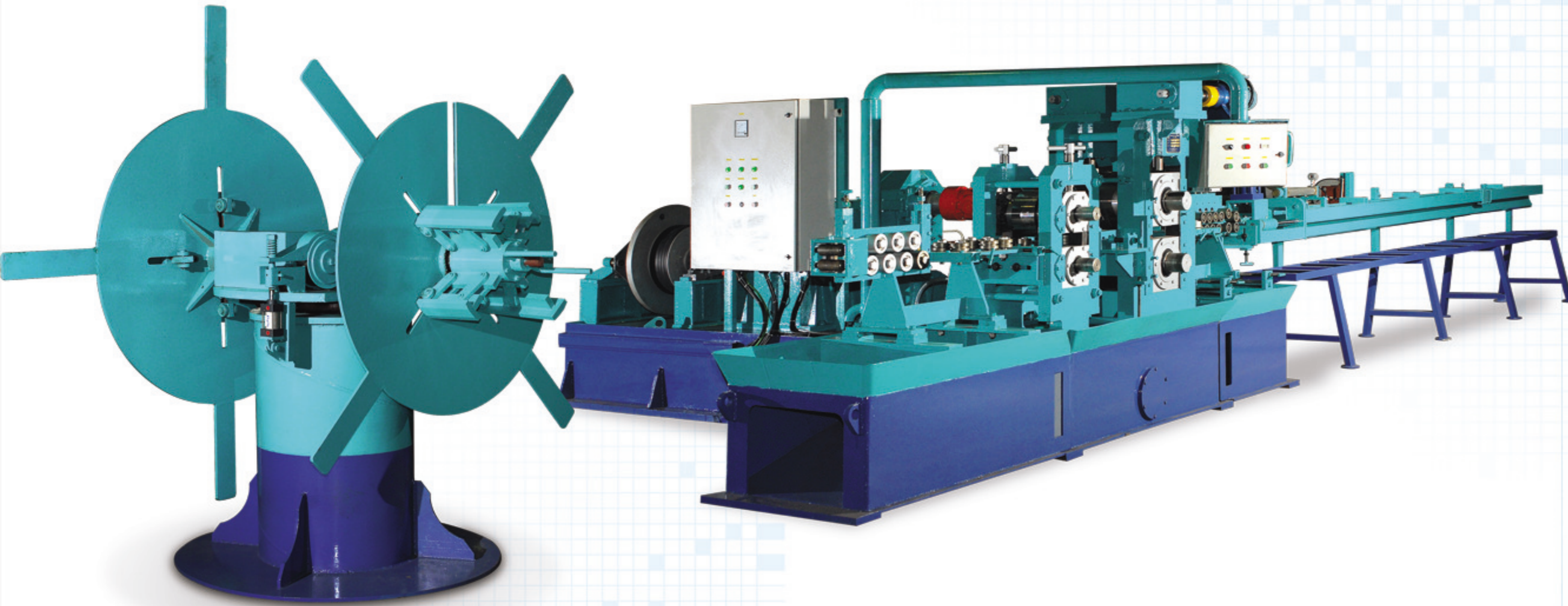
## Technological Advancement Worldwide





# Flat Bar / Square Bar & Deformed Bar CR Forming Machine

(FB/SB/DB-350)



## Technical Specification

- Material to be process
  - Raw material
    - Wire rod, SWRM-10K, JIS G3505,  $\varnothing 7 \sim 14\text{mm}$ .
    - Slitted coil, 1.2~6.0mm(T) x 50mm(W) max.
  - Inner diameter of the coil
    - $\varnothing 508\text{mm}$ .
  - Outer diameter of the coil
    - $\varnothing 1900\text{mm}$  (Max.)
  - Coil weight
    - 2 Tons (Max.)
- Machine capacity
  - Power source
    - 75Hp AC motor, 1760rpm/3ph/415V/50Hz
  - Linear speed
    - 50 m/min.
  - Production output
    - 500 Ton/month.
  - Reference size
    - 25mm(W) x 5mm(T) Flat Bar.
- Finished product width
 

Flat Bar

  - For slitted coil with thickness 1.2 ~ 6mm
    - 20 ~ 50mm
  - For wire rod with thickness 3mm, 4mm & 6mm
    - 12 ~ 20mm

Square Bar

  - 6x6 ~ 12x12

Deformed Bar

  - $\varnothing 8.0 \sim 10.0\text{mm}$ .
- Production flow direction
  - Right to left (viewed from operator's side) or
  - Left to right (upon request by customer).
- Machine area requirement
  - 5m(W) x 27m(L)

