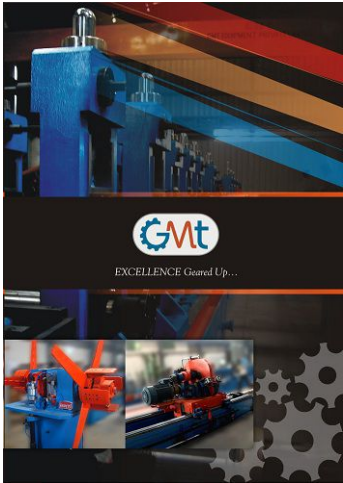






GMT EQUIPMENT PVT. LTD.

GMT is a company being led by group of entrepreneurs with professional spirit. The promoters have vast experience in the field of ERW & SS Mills and equipment design, development, fabrication and erection & commissioning.

We understand customer satisfaction is the key to success in this competitive scenario. And precisely this is the area we feel we have the know.

GMT is committed to supply the equipments (ERW & SS Mills) plant/ assemblies as per the desired standards in given time frame.

GMT has the world class infrastructure facilities (a machine and tooling for manufacturing of equipments).

vision

To enhance customer satisfaction and our image globally and achieve exponential growth to leadership through world class products and services.

mission

Our mission is to provide our customers with precision engineered equipments through technological leadership and manufacturing excellence. We strive to offer our customers the most advanced equipments to give them a competitive edge in their business.

S S TUBE FORMING MILL

Metal processing equipment

We provide tube forming mill for tubes of ASTM A - Sanitary tube, ASTM A-312 Industrial pipe, ASTM A-249 heat exchanger tube, JIS G-3468 large diameter pipe and etc.

Bright annealing Forming Mill comes with on line Bright annealing equipment gives bright annealed tubes for heat exchangers, food/ dairy, instrumentation industries application. Our stainless steel tube forming mill also comes with in line bright annealing equipment and eddy current inspection equipment, inside bead rolling system.

Features

- Plasma + TIG welding system
- GMT-TPT Torch
- GMT-TTT Torch
- 6M Welding Scamer
- PtT automatic welding
- Welding Monitor
- Plasma Vertical Welder
- Laser Welding
- TIG Welding
- Bright Annealing Tube Forming Mill
- Inside Bead Rolling/ Seam Polishing
- Inline EDDY current testing equipment

SPECIFICATIONS

Model	Driven/Idle Shafter	Speed	Thickness
GMT-32	30mm/ 25mm	15M/min	0.2 mm - 1.0 mm
GMT-50	50mm/ 35mm	7/3.5 M/min	0.6 mm - 2.5 mm
GMT-65	65mm/ 45mm	6/3 M/min	0.8 mm - 3.5 mm
GMT-80	70mm/ 50mm	5/2.5 M/min	1.0 mm - 4.5 mm
GMT-120 M	80mm/ 60mm	4/2 M/min	2.0mm - 6.0mm
GMT-120 H	120mm/ 65mm	4/2 M/min	2.0 mm - 9.0 mm

IN-LINE Bright Annealing Forming Mill

Model	AC Vector (HP)	O.D. Range	Thickness
GMT-40BA	10+10+10	Dia 9.5 - 38.1 mm	0.5T -2T
GMT-50BA	20+15+15	Dia 19mm -63.5 mm	0.7T -3T
GMT-65BA	30+20+20	Dia 38mm - 114.3mm	0.8T -3.5T

PLASMA/TIG Welding System / TRI CATHODE 500cw TTT

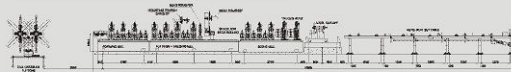
thickness Range	0.9-2.5 mm
Torch	TTT Torch
Welding Current	300Ax3

Wall Thickness	1.0mm	1.2mm	1.5mm	2.0mm
Welding Speed	8 m/min	5.5 m/min	4.5m/min	3 m/min

TRI CATHODE 500cw TPT

thickness Range	2.0-9.0 mm
Torch	TPT Torch
Welding Current	500Ax3

Wall Thickness	2.5mm	3.0mm	4.0mm	6.0mm
Welding Speed	3 M/min	2 M/min	1.5M/min	1 M/min





ERW TUBE MILLS

GMT supplies modern HFW SS & ERW Tube Mills with most advance entry section, quick changing mill section, variety of flying cutoff machines and accurate tooling to meet the stringent requirements of general engineering, automotive, cross country pipe lines, structural, boiler, heat exchanger and other relevant applications.

GMT also supplies various tube finishing equipment like End Facing, Threading, Straightening, Hydro testing, Pointing, Drawing & Automatic Bundling etc.



The Tube Mills are robust in design, employ highly efficient helical drive system and various levels of automation to suit customer's requirements. The special shaping stands and turks head ensure complex hollow section production with precise quality. Cutoff machine can be selected according to productivity & application like Metal Saw Cutoff/Press Cutoff.

Tooling are made of special tool steel to achieve maximum wear resistance and greater life. GMT provides complete services start from project engineering right upto commissioning, startup & initial production assistance and after sales services.

Features & Services

- Fully Automatic Operation
- Line speed up to 100m/min
- Quick change raft type design
- Driven shaping stands for accurate shapes
- Accurate cut lengths within ± 2 mm
- Burr free ends
- Electric, Electronics and Hydraulics of world reputed manufacturers
- Project engineering services
- In-house software designing to suit customer's requirements
- Highly experienced team for startup & initial production assistance
- Prompt after sales services
- Easy availability of spares



Tube Mill Range	Model	TUBE OD (mm)		TUBE THICKNESS (mm)		MAX. LINE SPEED (M/min)	
		Min.	Max.	Min.	Max.	Low speed	High speed
	GMT 1.5	10.0	88.1	0.5	2.6	60	100
	GMT 2	11.7	92.8	0.6	3.5	60	100
	GMT 3	15.88	76.2	0.8	3.6	60	100
	GMT 3.5	21.3	88.9	1.0	5.5	50	80
	GMT 4.5	33.4	114.3	1.2	6.0	50	80
	GMT 5	42.4	121.0	1.6	6.5	50	80
	GMT 6.5	60.3	168.3	2.0	8.0	40	70
	GMT 8.5	88.9	219.3	2.8	8.5	20	35

Other Equipment

- Automatic Entry Lines
- H.R./C.R. Slitting Lines
- Straightening Machines
- End Facing Machines
- Hydraulic Push Pointing Machines
- Single/Multi Tube Draw Benches
- Single/Triple Tube Hydrotester

Up to 1600 mm Wide x 16 mm Thick x 20T coils
Up to 1550 mm Wide x 7.1 mm Thick x 25T coils x 100 m/min.
Up to 127 mm OD x 7 mm Thick
Up to 220 mm OD x 8 mm Thick x 12m Long
Up to 140 mm OD x 15 mm Thick x 15 m Long
Up to 140 mm OD x 60 T force x 15 m Long
Up to 2.20 mm OD x 15 mm Thick x 15m Long x 350 Bar pressure.

HORIZONTAL STRIP ACCUMULATOR (Reverse loop type)

GMT offers widest range of Horizontal Accumulators in different models suitable for any type of strip processing line to store 20 mm to 1275 mm wide and 0.3 mm to 10 mm thick strip. Among these, Reverse loop accumulator is world's latest technology with its unique design to accommodate short length coils.

Features

- Fully automatic.
- High storage capacity.
- Strip always contained.
- Easy strip changeover.
- Flexibility of installation in existing line.
- No damage to strip surface.
- Strip entry at any angle.
- High filling speed (Up to 4 times of mill speed)
- Filling during mill stoppage.
- Low maintenance due to fewer moving parts.

SPECIFICATIONS

Model	Strip Width Range	Wall Thickness Range	Max. Mill Speed	Min. Strip Storage
	(mm)	(mm)	(M/min.)	(Minutes)
GMT-HSA 35	32-120	0.6-2.5	120	6
GMT-HSA 45	40-240	0.8-3.5	120	6
GMT-HSA 55	65-360	1.0-5.4	120	6

EXCELLENCE Geared Up...



TUBE DRAW BENCH (Single/Triple Automatic Feed Type)

GMT offers Single/Triple tube type draw benches with automatic operations, designed for high yield, perfect quality and precise applications.

Features

- Heavy duty, high reduction gear box
- Carriage driven by Duplex/ Triplex type double sprocket & chain having rupture strength 6 times of the draw force.
- Spherical die holder for self alignment.
- Round tooth type pneumatic clamps to avoid tube slippage.
- Fully guided carriage with automatic fast return.
- DC Regenerative Drive for power saving.
- Automatic tube feeding mechanism.
- Motorized rotating / indexing type back bench with automatic plug positioning device to minimize handling time.
- Automatic tube discharge at front frame.

SPECIFICATIONS

MODEL	NORMAL MAX OD	MAX. LENGTH OF PRODUCT TUBE	PULL FORCE
	(mm)	(Mtrs)	(MT)
GMT-TDB 50A	50.8	12.0	0-3.3-10
GMT-TDB 50B	50.8	12.0	0-5-15
GMT-TDB 75	76.2	12.0	0-6.6-20
GMT-TDB 90	88.9	18.0	0-10-30
GMT-TDB 115	114.3	18.0	0-13.3-40
GMT-TDB 130	130.0	18.0	0-16.6-50

SLITTING LINE

GMT offers Slitting Lines for Hot Rolled and Cold Rolled steel strip to produce high quality of slit strips. These lines are of various designs to suit customer's requirements in terms of automation level, flexibility of operations and production capacity. The capacity of these lines ranges from 300 mm to 1550mm width and 1.0 mm to 7.1 mm thickness and coil weight up to 25 MT. GMT Slitting Lines produce superior quality of Slit coils with high productivity.



Features

- Automatic operation.
- Pit/Floor mounted coil cars.
- Cone/Wedge type recoiler drum.
- Two/Four arm capstan.

SPECIFICATIONS

Model	Strip Width	Strip Thickness	Max. Coil Weight
GMT-SL 45	150-450	0.5-1.6	3 MT
GMT-SL 125	500-1250	0.7-4.0	10 MT
GMT-SL 160	600-1550	1.2-7.1	25 MT

PUSH POINTER

GMT offers hydraulically operated Two/Four die tube pointing machine, suitable for ferrous material for pointing of tubes prior to cold drawing, having many advantages over the conventional swaging/squeeze pointing operations. The machine is also capable of Nozzeling the points.

Features

- Considerable material saving.
- Common die for pointing and cold drawing.
- Noiseless and vibration free operation.
- Automatic handling system with rubberised rollers.
- No loss of point in multi pass jobs.
- Flexible point lengths.
- Fixed/rotary type multi sided gripper jaws.
- Improved productivity & yield in cold drawing.
- Computerized data for acquisition system.
- Perfectly round concentric points suitable for thin or thick wall tubes.

SPECIFICATIONS

Model	Max. Push Force	Max. tube OD.
GMT-PP 90	23MT	90mm
GMT-PP 130	34MT	130mm
MT-PP 130 H	34800MT	130mm

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STRIP SHEAR & WELDER

GMT Shear & End Welders are most technically advanced. A wide range of strips from 20 mm to 1250 mm wide and 0.5 mm to 10 mm thick can be handled. GMT Shear/Welders are designed to provide fast, accurate means of automatically joining coils on all type of strip processing lines. This increase the productivity as well as eliminate the hazardous manual feeding of new coil into an operating line.

Features

- Strip in contact with copper pads for Heat dissipation. Water cooled back up bars.
- Semi/Fully automatic.
- Ease of operation.
- Operators safety.
- Variable speed depending upon Mill speed and strip thickness.
- Jerk free perfect horizontal movement of torch for consistent weld quality.
- Weld strength up to 98% of parent material.

Accessories

Weld seam planishing roll
Post-weld annealers
Hole punches
Strip notchers
Milling Station
Weld Fume Exhaust System
Backup System for:
- Welding equipment
- Hydraulic equipment
Weld Data Recorder
Dual Torch Welding System
Laser Beam Welding System

Typical Materials

Aluminium
Titanium
Zirconium
Copper & Brass
Mild steel
Stainless steel
Aluminized Steel
Silicon Steel
Galvanized Steel
Sterling Silver
Nickel-Silver

Typical Applications

Roll forming mills
Tube & Pipe mills
Coil backup lines
Annealing lines
Pickling lines
Punch lines
Slitting lines
Stamping press lines
Shot blast lines
Spool pipe mills
Transverse winding lines
Tension leveling lines

SPECIFICATIONS

Model	Type	Strip size
GMT-SW S	Portable, Pneumatic Shear & TIG welder (Semi-automatic)	up to 240 mm x 3.0
GMT-SW M	L Type Hydraulic Shear & TIG/MIG welder (Automatic)	up to 700 mm x 8.0
GMT-SW L	Roller shear MIG welder (Automatic)	up to 1250 mm x 10

ROLL FORMING LINES

GMT designs and manufactures high speed Roll Forming Lines to produce various types of uniformed cross sections. Excellent coil processing equipment are available for inline operations like de-coiling, levelling, stamping, shearing, forming, and tracking.



Features

- Highspeed
- Automatic operation.
- Online stamping
- Continuous / start-stop operation
- Roll design with special software
- Raft type design for quick changing
- Uniformed cross sectional dimensions throughout the length

ROLLS

Rolls for ■ Tube Mills ■ Straightening M/c's ■ Roll Forming Lines

GMT, where quality is watchword, makes foray in manufacturing of rolls with typical profiles. May it be selection of raw material, heat treatment or machining, GMT standards are set high to achieve high precision, toughness, maximum wear resistance for greater productivity.

Features

- Computer aided designing.
- Imported forged alloy tool steel material.
- Special heat treatment process to achieve isotropic for minimum wear.
- CNC machining to meet close tolerances.
- Spring steel template (Gauge) made on CNC wire cut to check the profile.

Quality assurance:

Each and every roll is inspected between process by using sophisticated equipment for dimensions, surface texture and micro structures. The profile is precisely checked with a spring steel template (gauge) made on CNC wire cut machine.



Roll Hardness Pattern

S.NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Hardness In HRC	62	62.8	62	62.5	62	62	62	62.4	62.2	62.2	62	62	62	62.2	62.2	62

EXCELLENCE Geared Up...



TUBE STRAIGHTENING MACHINE

GMT offers six & ten driven cross Roll Tube Straightening machines based on well proven rotary pressure and deflection principle of straightening with hyperbolic profiled rolls mounted in pairs, which gives very high degree straightness up to 1 in 3000.

Features

- Accurate Tube straightening with out surface blemishes.
- Variable speed.
- No guides required to control tube passing.
- Easy and quick change over from one tube size to another.
- Pressure sensing unit with digital display for thin wall tubes.
- Fully automatic as well as manual handling system.

SPECIFICATIONS

Model	Nominal Maximum Diameter (mm)	Minimum Diameter (mm)	Nominal Maximum Wall (mm)	Maximum Diameter Admitted (mm)	Nominal Operating Speed Meters per Second		
					Single	Two	Variable
GMT-TSM 65	65	13	6	100	75	120	120
GMT-TSM 75	75	16	6	114	75	120	120
GMT-TSM 114	114	20	8	140	60	120	120
GMT-TSM 140	140	50	12	169	30	60	60
						30	6



TUBE END FACER (Twin Head Type)

GMT offers automatic Cam operated Twin Head End Facer with three tool system. Machine can be installed offline / online to match mill output rate.

Features

- Fully automatic.
- Carbide / HSS Tooling for quality End facing and quick tool change / setting.
- Three Tool System for OD, ID and Face chamfering simultaneously.
- CAM operated facing Head Feed and Clamp for Safety.

SPECIFICATIONS

Model	Tube OD	Tube Thickness	Max. Output Rate
GMT-TEF 50	12-50	0.8-3	20 Tube/min
GMT-TEF 90	19-88	0.8-4.5	18 Tube/min
GMT-TEF 120	20-115	1.0-6.0	17 Tube/min
GMT-TEF 160	78-168	2.0-7.5	6 Tube/min



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