



ISO 9001:2015

Certificate No. Q-9108021262



## PRAGYA PRECISION EQUIPMENT PVT. LTD.

**DEDICATED TO COLD ROLLING MILLS, SAW PIPE PLANTS AND TUBE MILLS**

### INTRODUCTION:

The "PRAGYA PRECISION EQUIPMENT . PVT. LTD." is a PRAGYA group company. The PRAGYA established its first unit in 1992 in SSI sector by Er. L.C. Tolani, a hard core-young technical professional, experienced in design & development, manufacturing of hydraulics, associated industrial and handling equipment , with a view to cater the needs of Corporate clients in various sectors like CR mills, Solvent extraction plants, Saw pipe plants, Tube Mills, Engineering and Automobile units.

## PRESENTS ON TURN KEY BASIS COIL HANDLING SYSTEM

i.e. 'C' Hooks, coil up-ender / down-ender, Coil grabs, Coil transfer cars  
Capacity 5 to 40 tons



Coil Tilter Cum Trolley up to 70 tons



Coil Tong/ Grab Upto 40 Tons



'C' Hooks up to 40 tons

### PROCESS LINES

**CUT TO LENGTH LINES**

**SLITTING LINES**

**PICKLING LINES**

(FOR MS & SS COILS)

**SAW PIPE EQUIPMENT**

- Pipe Rotators Cum Conveyors

- Ut/x-ray Trolley

- Welding Booms

- Post Bending Rolls

**Drop Wt. Tear Testing Machine**

**Tube Finning Machine**

- Fin Tube Radiators/heat Exchanger

### TERMINAL EQUIPMENT

- I.e. Uncoiler, Recoilers, Pinch rolls cum levellers. Peelar Tables, Hydraulic Shears, Slitting heads, Coil Cars (Box Type, L Type, Scissor Type, Vertical Pillar Type)

- Belt Wrappers, Scrap winders and all other Equipments

**SHEET CORRUGATION MACHINE**

# COIL HANDLING EQUIPMENT FOR CR/HR COILS UP TO 35 T

**COIL TRANSFER TROLLEY**



**Motorised Coil Lifting Tong**



**PLATE LEVELLER**



**COIL GRAB FOR SOLID DRUM**



**COIL GRAB FOR NARROW WIDTH COIL  
(OUTSIDE GRIPPING)**



**COIL UP - ENDER/DOWN-ENDER**



**SLAB LIFTING TONG**



**COIL TRANSFER TROLLEY**



**'C' HOOK CONCRETE PIPE**



**COIL LIFTING TONG**



**MOTORISED 2 ARM COIL LIFTER**



**SLAB TONG CAP. 45 TON**



**PIPE LIFTING TACKLE**



**FURNACE CHARGING TROLLEY**



**SLAB / PLATE TRANSFER TROLLEY**



# C HOOK FOR CONTAINER



# C HOOK FOR CONTAINER



# SPRING BALANCE COIL LIFTING HOOK

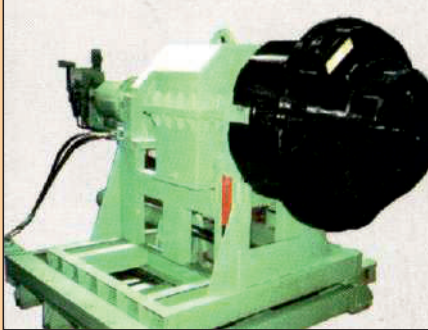


# TERMINAL EQUIPMENT FOR CR/HR MILLS

**UN-COILER WITH  
HYDRAULIC EXPAND S COLLAPSE**



**STUB TYPE UN-COILER WITH  
HYDRAULIC EXPAND COLLAPSE**



**HYDRAULIC RE-COILER UNIT  
(Capacity 25 MT)**



**LEVELLER MACHINE FOR, HR/CR COILS  
(Capacity 2000 mm Width x 25 mm thick)**



**BOX TYPE COIL CAR  
(HYDRAULIC)**



**SCISSOR TYPE COIL CAR  
(HYDRAULIC)**



**HYDRAULIC SHEAR**



**HYDRAULIC PILLAR TYPE  
COIL LIFTER CUM COIL CAR**



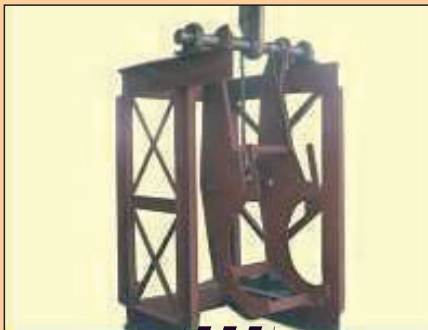
**FLOOR TYPE COIL CAR CUM COIL  
LIFTER (HYDRAULIC)**



**HYDRAULIC BELT WRAPPER**



**BELT WRAPPER (PNEUMATIC)**



**HYDRAULIC SCRAP WINDER**



**SQUEEZE ROLL / PINCH ROLL**



**SPECIAL PURPOSE  
HYDRAULIC PRESS**



**PAY OFF REEL FOR TUBE MILL**



**SHEARING MACHINE**

**WIRE ROPE TAKE UP UNIT**

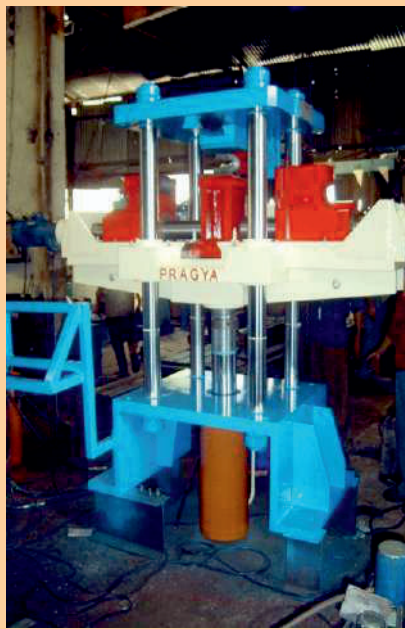
**TURN SLIDE FOR SLIT COIL**



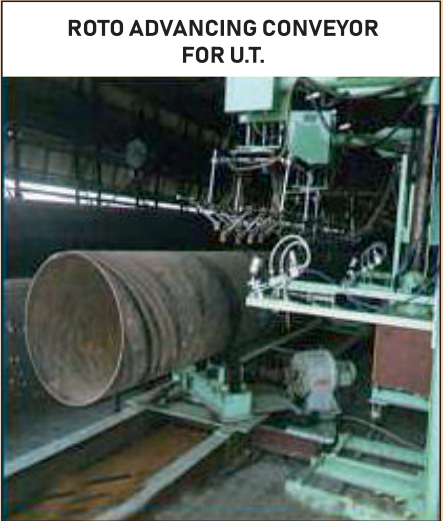
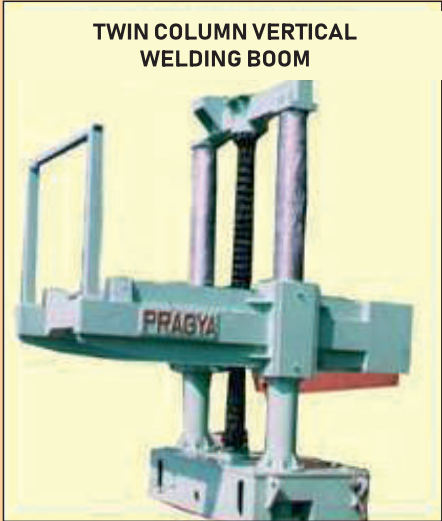
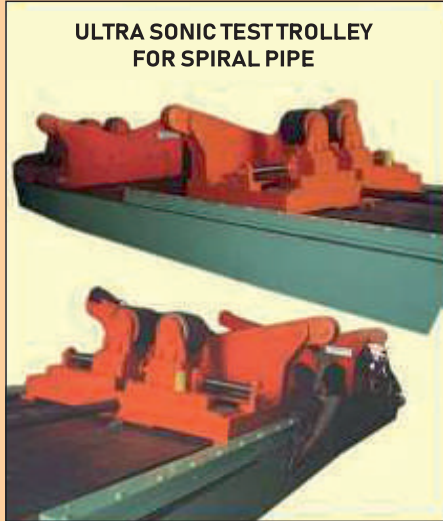
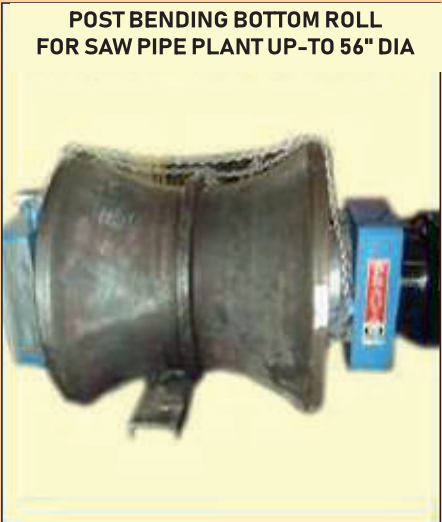
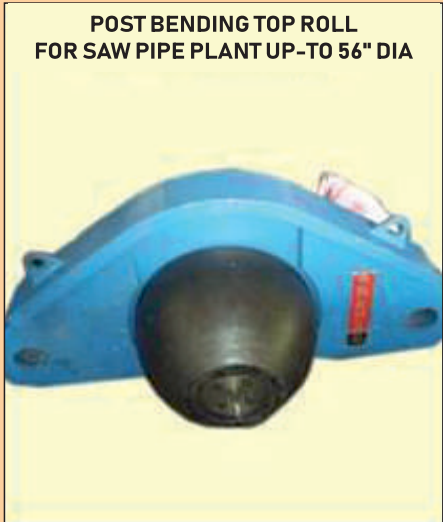
**SCISSOR LIFT PLATFORM**

**BENDING AND FOLDING MACHINE  
LAB EQUIPMENT**

**VERTICAL BALING PRESS**



# EQUIPMENT FOR SAW/SPIRAL PIPE PLANTS



**PIPE ROTATOR & DIABOLIC ROLLER CONVEYER**



**PIPE ROTATOR CONVEYOR**



## INTRODUCTION

"PRAGYA" developed its first Drop Weight Tear Tester (DWTT) in the year 1999 for the maximum energy level of 30,000 Joules. Over the time, Pragma's commitment to excellence resulted in development of fully automatic PLC controlled DWTT with Hydraulic Shock Absorbers for drop weight tear test of "Specimen" according to the standards ASTM-E436, API-RP5L3, ASTM-E208 and DIN EN 10274.

Now we offer three different automatic PLC controlled DWTTs ;

- PRTT-30000J
- PRTT-55000J
- PRTT-80000J

Pragma's DWTT is robust in construction, smooth in operation and is practically maintenance-free. The machine is supplied with auxiliary equipments (optional). I.e. Hydraulic Notch Making Press and Deep Freezer to cool the specimen up to minus (-) 80° C.

## SALIENT FEATURES OF DWTT

- Drop weight tear testing of "Specimen" according to standards as per ASTM-E436, API-RP5L3, ASTM-E208 and DIN EN 10274.
- Touch-screen Panel with electronic display of height, energy drop weight and dropping speed at predetermined parameters.
- The stepless adjustable drop height is reached automatically after input of drop weight and energy.
- Drop weight is divided in individual weights to adjust drop energy.
- Modular frame design with stainless steel pillars and doors.
- Four high capacity hydraulic shock absorbers with accumulators for safe absorption of the excess drop energy.
- Hydraulic specimen feeding device, equipped outside of testing area.
- Easily removable bending tools (Hammer).

## SAFETY:

- Electrical and mechanical safety interlocking. Testing is possible only after checking of all safety parameters, to comply with OSHA requirements (USA).
- Exclusive safety bars provided to ensure human safety in case of catastrophic failures.





# DROP WEIGHT TEAR TESTER [DWTT]

**D**  
**W**  
**T**  
**T**



# RELEASE HOOK FOR ACCROPODE HANDLING CAP. 40 MT.



# PLATE LEVELLER

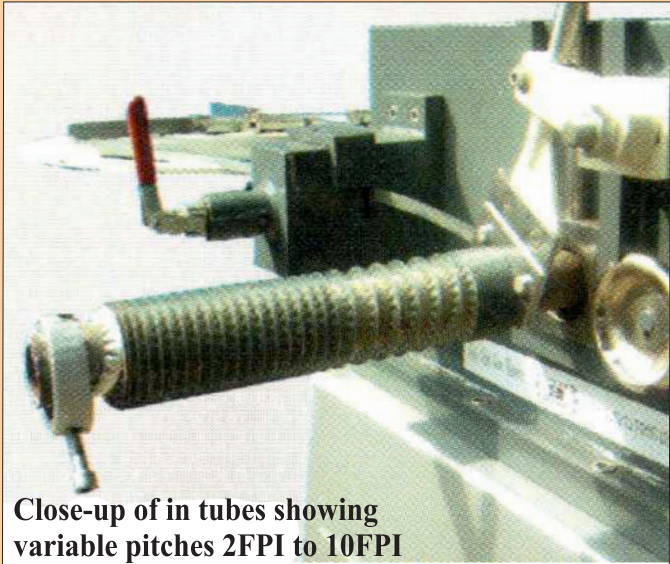
SIZE 25 MM THICK x 2000MM WIDE



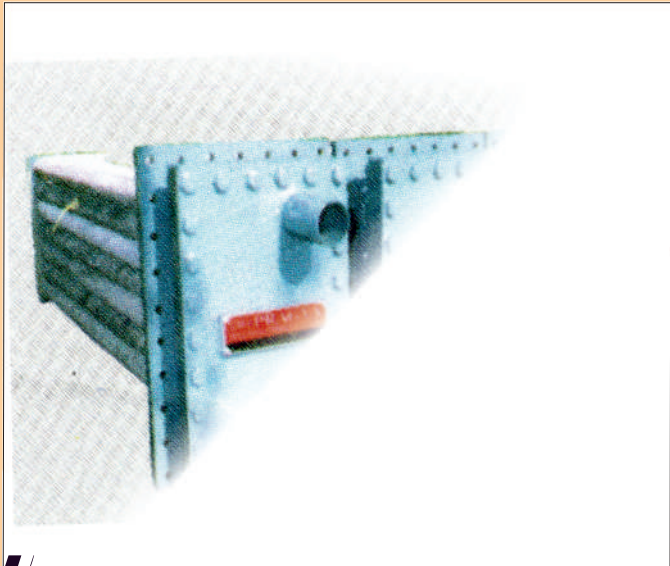
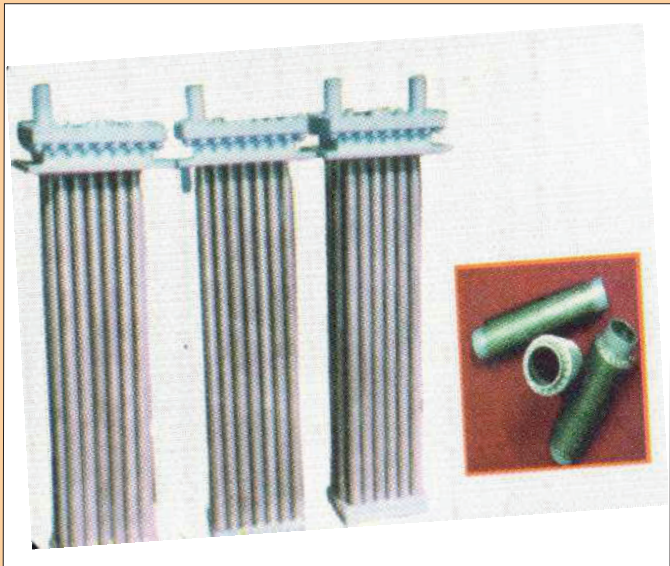
# SCRAP BALING PRESS



# TUBE FINNING MACHINE & FIN TUBE RADIATORS



Close-up of in tubes showing variable pitches 2FPI to 10FPI



# HONOURS & AWARDS

## “STATE GOVERNMENT (M.P.) AWARD FOR EXCELLENCE (BEST SSI UNIT)”

Mr. LC Tolani, Chairman, Pragma Group of Industries, has been awarded “STATE GOVERNMENT (MP) AWARD FOR EXCELLENCE (BEST SSI UNIT)” by Ministry of Industry M.P., Bhopal, during the National MSME meet on 14<sup>th</sup> Feb 2012 at Bhopal.

This award was presented by the Hon'ble Minister of Commerce, Industries & Employment, Information Technology, Science and Technology of Madhya Pradesh



## NATIONAL AWARD

Shri Lakhmichand Tolani of Pragma Received "NATIONAL AWARD" For out Standing Ssi Enterprenuer From Honourable Prime Minister Shri A.B. Bajpai on 30.08.2000 at Vigyan Bhawan, New Delhi.



## BHARAT VIKAS AWARD

Dr. S. Venugopalchari, Minister of state for Agriculture (Govt. of India) Presented "BHARAT VIKAS AWARD" to Mr. L.C. Tolani (Chairman of PRAGYA Group) on 23.09.97



## MR. L.C. TOLANI INAUGRATING THE BANK PREMISES



## OUR MAJOR CLIENTELE FROM STEEL INDUSTRIES



## WE OFFER COMPLETE RANGE OF EQUIPMENT

### 1. TERMINAL LINE EQUIPMENT

- 1.1 Uncoiler up to 35 ton capacity and 2000mm wide.
- 1.2 Recoiler upto 35T Capacity 1500mm Wide.

### 2 HANDLING EQUIPMENT , CAPACITY UPTO 35T & 2000MM WIDE.

- 2.1 "C"hook, single arm or telescopic (material high tensile steel.)
- 2.2 Coil car-pit type, floor type, scissor type & box type.
- 2.3 Transfer trolleys capacity up to 120 MT.
- 2.4 Coil tilter or transfer trolleys cum tilter.
- 2.5 Vertical coil tong or coil grab.
- 2.6 Sheet lifter.
- 2.7 Slab Tong.

### 3. INLINE EQUIPMENT SUITABLE FOR UPTO 35 T COIL AND 1500MM WIDE COIL

- 3.1 Pinch roll cum levellers.
- 3.2 Peeler table cum apron.
- 3.3 Hydraulic shear cutting capacity upto 8mm.
- 3.4 Slitting head.
- 3.5 Edge trimmer.
- 3.6 Belt wrapper.
- 3.7 Scrap winder with scrap ejection & scrap distribution system.
- 3.8 Two arm unloader.
- 3.9 Brushing machine.
- 3.10 Dip roll, squeeze roll, air dryer.
- 3.11 Pressure pad.
- 3.12 Sheet stacker.

### 4. Hydraulic Power Packs, Cylinders, Valve Stands.

- 5. Scrap Baling Press
- 6. Drop Weight Tear Tester.
- 7. Finned Tube Radiators & Fin Tubes.
- 8. Tube Finning Machines.
- 9. Any other Special Items As Per Customer Design & System Requirement.

**Email : [pragya@pragyaindia.com](mailto:pragya@pragyaindia.com) | Website : [www.pragyaindia.com](http://www.pragyaindia.com)**





## **PRAGYA PRECISION EQUIPMENT PVT. LTD.**

(A UNIT OF : PRAGYA GROUP)

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