METAL
Technology Driven Engineering

Mother Engineering & Technology Applications LLP



- Oilseed Processing System and Machine's
- HR, CR Rolling and Tube Mill Equipment's
- Lift and Elevators
- Material Handling Equipment's
- Tyre Plant Equipment's

METAL - Introduction

About Us

Mother Engineering and Technology Applications LLP is led by an experienced team of Industry experts for design, development, and manufacturing operations.

METAL is a Design, Manufacturer and Supplier of Industrial plants and equipment's , specifically more than 40 years of rich experience of its Directors in Solvent and Rolling mill plants Design & Development strengthens the milestone of Mother Engineering & Technology Applications LLP.

Our Product and Services are Manufacture and endorse under the brand name "METAL".

The Company caters the strong quality parameters aligned with six sigma methodologies . Our Directors are certified to deliver Industry 4.0 solutions.



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Expander

RATED PERFORMANCE BY MODEL

Model	Motor Rating (HP)	Capacity (TPD)	Steam (150 psi)
6" METAL EXPANDER	50-100	100-200	250-500 lbs/hr (125-250 kg/hr)
8" METAL EXPANDER	100-150	200-300	500-1,000 lbs/hr (225-450 kg/hr)
10" METAL EXPANDER	150-200	300-500	1,250-2,000 lbs/hr (560-900 kg/hr)
12" METAL EXPANDER	200-250	500-700	3,000-4,500 lbs/hr (1,350-2,050 kg/hr)
14" METAL EXPANDER	250-300	700-1000	5,000-7,500 lbs/hr (2,250-3,400 kg/hr)



Meal Cooler & Dryer Cooler

Meal Cooler

Equipment
Meal cooler ; - complete modular type assembly consist single pass chain conveyor with pushing blade, blowers, cyclone, radiators , gear box and motors.

Structure
A strong, durable and tested structure of MS, Structural steel and MS plate of 4 mm thickness.
Dimensions 1.75 mtr x 1.2 mtr x 12 mtr

Drying Module
Steam Radiator(1) , FD blower(1), ID blower(1), cyclone unit (1), rotary airlock system and isolated compartment.

Cooling Module
FD blower(1), ID blower(1), cyclone unit (1), rotary airlock system and isolated compartment.

Dryer Cooler

Equipment
Dryer cooler ; - complete modular type assembly consist Chain conveyor, blowers, cyclone, radiators , gear box and motors.

Structure
A strong, durable and tested structure of MS, Structural steel and MS plate of 4 mm thickness.
Dimensions 1.5 mtr x 1.2 mtr x 10 mtr

Drying Module
Steam Radiator(1) , FD blower(1), ID blower(1), cyclone unit (1), rotary airlock system and isolated compartment.

Cooling Module
FD blower(1), ID blower(1), cyclone unit (1), rotary airlock system and isolated compartment.

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Cracker

Seed Cracker Machine

- Seed Cracker Machine with wide range of processing and crushing capacity.
- Heavy duty steel fabricated body with sliding bearing housing.
- Feed hopper ,belts, belt guard, full size magnet.
- All pulleys including motor pulleys.

Flacker



Flaker Machine

- Heavy duty M.S. Fabricated body to suit standard roll sizes.
- Feed roll, magnet, feed roll with geared motor.
- Sliding type steel casting bearings housings, drive pulleys.
- Motor pulleys and belt guards.
- Hydraulic system with automatic power pack with, panel board, pumps, motor, accumulator, hydraulic cylinders (2 nos), hose pipes etc.

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Hammer Mill



Hammer Mill Machine

- To suit 20 to 50 TPD capacity,
- Complete in ms heavy construction in different size.
- Alloy steel harden beater blades.
- Pedastal bearing housing , Ball bearing, MS sieve available in different sizes as per equirement.
- Drive pulley and motor pulley .



Breaker Machine



Cake Breaker Machine

- Cake Breaker Machine with wide range of processing and crushing capacity.
- Heavy duty steel fabricated body with sliding bearing housing.
- Feed hopper ,belts, belt guard, full size magnet .
- All pulleys including motor pulleys.

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Lump Seperator







Solvent Plant and Equipment's

- Expander
- Dryer Cooler & Meal Cooler
- Conveyor
- Blower & Radiator
- Conditioner
- Cracker
- Flacker
- Seed Cleaner
- Hammer Mill
- Bulk Flow Conveyor
- Bucket Elevator
- Belt Conveyor
- Condenser
- Oil Cooler(Shell and Tube type)

Manufacturing Solutions

Material Handling Equipment's

- All types of Trolly & Reels

Heavy Engineering Equipment's

- All types of Rollers
- Wheels
- Processing Plant Machines & Equipment's

Machining and Fabrication Job Work

- Machining & Fabrication with Material

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Steel Plant and Equipment's





- C – Hook
- Slab Lifter Tong
- Coil Tilter Cum Trolley
- DWTT
- Release Hook
- Plate Leveller
- Coil Car
- Pit type Coil Car
- Coil Transfer Trolly
- Coil Grab
- Recoiler and Uncoiler



Prestigious Customers

JSW Steel

JINDAL STEEL & POWER

Ruchi Soya Industries

BHARAT FORGE | KALYANI

adani wilmar
For a healthy growing nation

MSP
Minakshi Solvex
Indian Soyabean Meal

S.A. HERBAL
BIOACTIVES LLP

प्रज्ञा
PRAGNYA

कॉनकॉर
CONCOR

T.K. AGRO INDUSTRIES

राष्ट्र की सेवा में परमाणु
रारप्रीकें
RRCAT
ATOMS IN THE SERVICE OF THE NATION

Bhumi Cottex

Sai Smaran Foods

GUJARAT AMBUJA EXPORTS LIMITED
NURTURING BRANDS

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METAL
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METAL stands with the Motto of "Technology Driven Engineering" and delivers the Best in class quality products with complete customer satisfaction.

Our Only Mission Is Quality and Customer Satisfaction.

Certification

CERTIFIED DASSAULT SYSTEMES SOLIDWORKS Mechanical Design EXPERT

CERTIFIED DASSAULT SYSTEMES ENOVIAWORKS SPECIALIST TECH SALES

SIX SIGMA GREEN BELT SSGB

EXPERT Mechanical Design SOLIDWORKS

PROFESSIONAL Mechanical Design SOLIDWORKS

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