



FALCON MACHINERIES

You Desire , We Deliver

Know us better



Team Falcon

- We are one of the most trusted and reliable brand delivering Pharma Machineries across the world operating since 2006.



World Class Tableting Solutions

- Having elite cliental across the glob.
- Successfully completed more than 1200 installation word across.



Client Service at the core

- We strongly believe that we are here to deliver what you as client desire and that also at affordable price.
- Having dedicated staff including qualified engineering always looking to provide you best of the products and services.

What We offer



- Rotary Tablet Press Machine
 - Single Rotary Tablet Press Machine
 - Double Sided Rotary Tablet Press Machine
 - Press II Rotary Tablet Press Machine
 - Press IV Rotary Tablet Press Machine
 - Roll Compactor Machine
 - DE-Burring & DE-Dusting Machine
 - Vibro Type Sifter Machine
 - Tablet Inspection Machine
 - Oscillating Granulator Machine
 - Comminuting Mill Machine
- And many more as per the client requirement

High Speed
Tablet Press 4



High Speed
Tablet Press 2



Roll Compactor



B4 Type



D4 Type



Tray Dryer
Machine

www.falcon-world.co.in



FALCON LAB PRESS (R & D Model)

TABLE TOP SQUARE GMP SINGLE ROTARY TABLET PRESS MACHINE
8 Stn. 'D', 10 Stn. 'B' 12 Stn. Multi Tooling (4 D + 4 B + 4 BB)



Key Features:

With Outside Control
Unique Anti Clockwise Design
Pre Compression Provision

Optional Features :

Bi-Layer Provision.
PLC with HMI provision
AWC Provision.

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Manufacturer & Exporter of Pharmaceutical Machineries | Spares | Punches & Dies

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BEAST I - ROLL COMPACTOR

cGMP Model



Key Features:

Unique Cantilever Roll Design
Twin Shaft Feeder Screw
Twin water Jacket System with Gear Box
PLC with HMI Touch Based Screen

Optional Features :

Vacuum Deaeration :
Adjustable Rolls Provision.
Vacuum Powder Transfer System.
Online Granulator.

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FALCON PRESS IV

DOUBLE SIDED HIGH SPEED ROTARY TABLET PRESS cGMP
45 Stn. 'D', 55 Stn. 'B', 61 Stn. 'B', 75 Stn. 'BB'



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FALCON B4 TYPE

SQUARE GMP DOUBLE ROTARY TABLET PRESS MACHINE
27 Stn. 'D', 35 Stn. 'B', 45 Stn. 'BB'



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FALCON
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COLLOID MILL



OSCILLATING GRANULATOR



METAL DETECTOR



TABLET INSPECTION MACHINE



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COATING MACHINE



VIBRO SIFTER



COMMINUTING MILL



DE-BURRING & DE-DUSTING MACHINE



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Your search for Quality Tablet Press Machine
Spares & Toolings ends here...



'FALCON' – one of the leading Pharma cGMP Tablet Compression Equipments, Tooling & spares manufacturer & exporter of India.

Why FALCON Equipments & Spares !!!!!

- Quality Spares fulfilling USFDA, WHO, cGMP & MHRA Compliance
- Prompt Delivery
- Complete In-house Production
- Complete Documentation
- Proven Brand Name
- Best "Value for Money"
- Best After Sales Service
- Technical Support from the Experts - 24/7

FALCON Tablet Press Machine Spares

- Turret
- Dies & Punches
- Worm & Worm Shaft Assembly
- Force Feeder Assembly
- Gear Box Assembly
- Upper Cam Discs
- Pressure Roll Assembly
- Die Lock Assembly
- Turret Guards & Many More...
- Feed Frames
- Variable Pulley
- Oil Cups

FALCON Tooling & Spares

Falcon also offers quality Tablet Compression Equipments Tooling & Spares for the all the leading Brands Tablet Compression Equipments:

FALCON MACHINERIES

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E-Mail : info@falcon-world.co.in; falconmachineries@gmail.com
Web : www.falcon-world.co.in



DIES & PUNCH



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BLENDER

OCTAGONAL BLENDER



DOUBLE CONE BLENDER



Salient Features of Double Cone Blenders:

- Suitable for rapid mixing of all types of free flowing powders and granules.
- The uniform, multidimensional offset arrangement of the cone ensures good mixing
- It is made from high quality stainless steel to prevent from rust & corrosion.
- It is easy to load and discharge materials in double cone mixer as its servers as excellent batch mixer machine.
- Provision is made for steam, chemicals, and hot water arrangements as required by customer.
- Available in all capacities ranging from 500 liters to 4000 liters.
- Chain drive arrangement provides minimum slippage and maximize load bearing capacity.

NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE.



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COMMINUTING MILL



TECHNICAL SPECIFICATION

| Model | FALCON / CM |
|-----------------------|---------------------------|
| Rotor speed | 1000 / 2250 / 4500 RPM |
| Output * | 25-300 Kgs. / Hr. |
| Main Electrical Motor | 7.5 HP / 1440 RPM / 3 Ph. |

*Varies according to product characteristic, rotor speed and screen type.

- Designed to suit high speed milling needs with plain, water jacketed and flame proof options.
- Fully S.S. cladding on base & S.S. guards for all moving parts to meet GMP needs.
- Motor rails, screw and guide rods are chrome plated.
- Beater assembly bearings are housed in separate pillow blocks for ease in maintenance.
- Dynamically balanced fixed beater assembly as standard supply. Minimum downtime required to change direction.
- Hardened and chrome plated beaters and shaft made of SS 410.
- Fabricated to work long with very low heat, vibration & noise generation.
- Castors provided for mobility.



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DE-BURRING & DE-DUSTING MACHINE



TECHNICAL SPECIFICATION

| Model | FALCON DD |
|----------------------|--------------------------------|
| Output * | 5,000 to 2,50,000 tablet / Hr. |
| Main Electric Motor | 0.25 Hp. / 1440 RPM / 3 Ph. |
| Max. Tablet Diameter | 25 mm |
| Min. Tablet Diameter | 5 mm |

* Depending upon tablet shape & size.

- Designed for effective De-Burring and De-Dusting
- Noiseless & Maintenance free unit.
- Minimum electric power consumption.
- Adjustable height to suit any tableting machine outlet.
- Components can be easily washed or sterilized.
- Suction outlet concentrated on De-Dusting zone ensures maximum flushing of removed dust.



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MASS MIXER



TECHNICAL SPECIFICATION

| Model | FALCON MM 50 | FALCON MM 100 | FALCON MM 150 |
|---------------------|--------------|---------------|----------------|
| Capacity | 50 Kgs. | 100 Kgs. | 150 Kgs. |
| Over flow capacity | 110 Ltrs. | 220 Ltrs. | 330 Ltrs. |
| Working capacity | 88 Ltrs. | 156 Ltrs. | 234 Ltrs. |
| Speed of stirrer | 35 RPM | 35 RPM | 30 RPM |
| Main Electric Motor | 3 HP / 3 Ph. | 5 HP / 3 Ph. | 7.5 HP / 3 Ph. |

- All contact parts are made of SS 304 (SS 316 optional)
- Thrust bearings are provided to carry rigid and thrust load.
- Easy for cleaning and operating.
- Interlocked acrylic dust cover for inspecting the mixing process.
- The tilting device provided for easy unloading of the material.



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MULTI MILL



TECHNICAL SPECIFICATION

| | |
|-----------------------------|---------------------------------------|
| Model | FALCON MM - 200 |
| Output * | 50 to 200 Kgs./Hr. |
| Rotor Assembly Diameter | 250 mm. Approx. |
| Rotor Speed | 750 / 1500 / 2300 / 3000 RPM |
| Screen dimension | Inner Diameter 265 mm./ Height 140 mm |
| Motor | 3 HP. / 1440 RPM / 3 Ph. |
| Starter | "DOL" with reversible switch |
| Material charging height | 1460 ± 5 mm. |
| Material discharging height | 760 ± 5 mm. |

*Varies according to product characteristic, rotor speed and screen type.

- Designed for continuous wet or dry granulation.
- Beaters & scraper blades made of SS 304 (SS 316 Optional)
- Easy to dismantle and clean
- Beater drive equipped with reversible switch.
- Castor wheels provided for mobility.
- Flameproof electrical components can be provided at extra cost.



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VIBRO SIFTER MACHINE



TECHNICAL SPECIFICATION

| Model | FALCON VS 20" | FALCON VS 30" | FALCON VS 36" |
|---------------------|----------------------------|---------------------|---------------------|
| Screen Dia. | 503 mm. | 752 mm. | 914 mm. |
| Capacity/Hour * | 20 to 200 Kgs. | 30 to 300 Kgs. | 30 to 325 Kgs. |
| Charging height | 1200 mm without Lid | 1050 mm without Lid | 1050 mm without Lid |
| Discharging height | 720 mm. | 670 mm. | 670 mm. |
| Main Electric Motor | 0.25 HP / 1440 RPM / 3 Ph. | | |

*Varies according to product characteristic and screen type.

- Compact vibratory design for high speed & dust free sieving.
- Noiseless and maintenance free machine.
- All contact parts and screen made of SS 304 (SS 316 optional)
- Low power consumption compared to reciprocating vibratory system.
- Easy dismantling and cleaning of contact parts.
- Machine available with flame proof and double / triple deck options



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FALCON COLLOID MILL
You Desire, We Deliver
(cGMP Model, Horizontal Type)

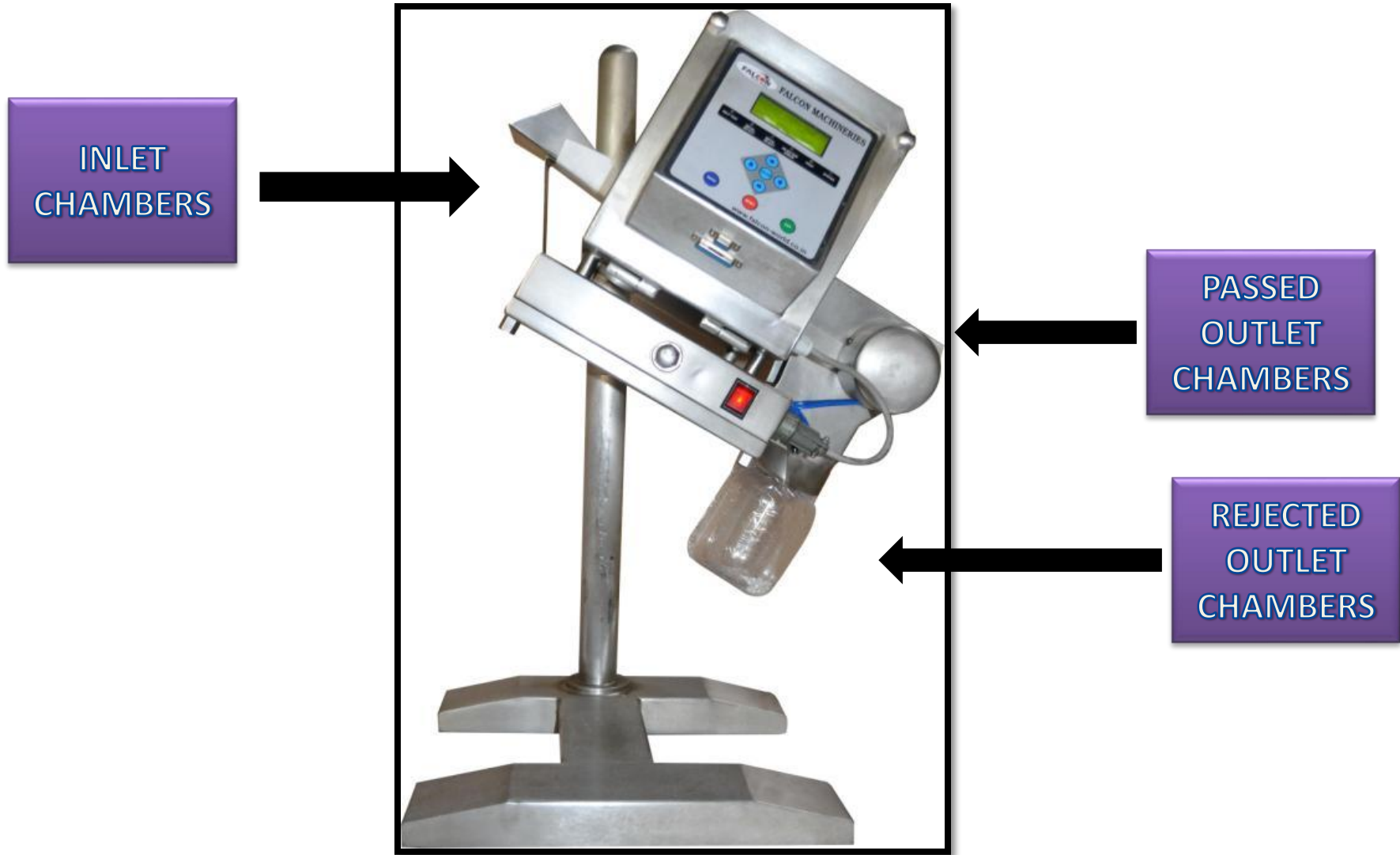
FALCON METAL DETECTOR

- As Per the cGMP Guideline “Each tablet should be passed through **Metal Detector** before packing”.
- Considering the application of the equipment, it is a ‘Must Have’ item for any reputed Pharmaceutical Manufacturer / Organization.
- With the time, demand of the Metal Detector Equipment has grown tremendously, but on the other hand there are very few suppliers available producing good quality Metal Detector.
- With the aim to serve the Industry in a better way, FALCON has recently introduced it’s own range of quality metal detectors.

FALCON METAL DETECTOR



FALCON METAL DETECTOR



FALCON METAL DETECTOR



FALCON METAL DETECTOR



DIGITAL
CONTROL
SCREEN



BEAST I -ROLL COMPACTOR



FALCON BEAST-I ROLL COMPACTOR

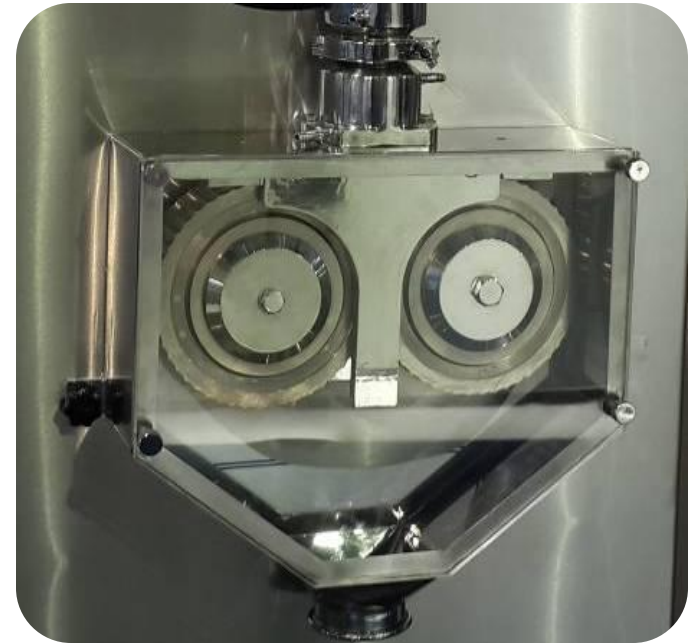
Team Falcon is proud to introduce a new member of its family – Beast-I, an innovative and advanced version of Falcon Roll compactor

Key Features:

- **Twin Shaft Feeder Screw** – Horizontal & Vertical – Improved Feeding system
- **Cantilever Roll** – For easy removal and cleaning
- **Twin Water Jacket System with Gear Box** – Improved temperature control (Lesser chance of characteristic change in the material)
- **PLC with HMI Touch Based Screen** :For precise outside control
- **Output** : Up to 100 Kg / Hour*



BEAST - I



Unique Cantilever Design



TWIN SHAFT FEEDER SCREW



DETACHABLE BACK SIDE ELECTRIC PANEL



BEAST I –(PLC WITH HMI)

FEW OF OUR CLIENTS...



SHETH BROTHERS



Kashmir Herbal Remedies
A Herbal Healthcare Company



Contact Us...



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You May also log on to:

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THANK YOU