

BUILDING SOLUTIONS
ENGINEERING TRUST

ENGINEERING
EXCELLENCE
SINCE DAY 1



FESTIVAL — TRADING —

QUALITY • PRECISION • PERFORMANCE

ENGINEERING SOLUTIONS

FOR EVERY INDUSTRY



INDUSTRIAL COMPONENTS
High Quality | Long Lasting



PRECISION MACHINING
Accuracy You Can Trust



FABRICATION & ASSEMBLY
Stronger. Safer. Smarter.



CUSTOM ENGINEERING
Tailored to Your Needs



QUALITY ASSURANCE
Tested. Verified. Delivered.



PRODUCT CATALOGUE

COMPLETE ENGINEERING SOLUTIONS
UNDER ONE ROOF

POWERING PROGRESS
BUILDING TOMORROW



RELIABLE



EFFICIENT



PRECISE



COMMITTED

 www.festivaltrading.com

8. ABOUT FESTIVAL TRADING



ABOUT US

Festival Trading is engaged in the manufacturing, supplying and importing a wide range of Punching Machine, Recycle Machine, Cotton Cleaning Machine, Fiber Blending Machine and many more... Our machines are reliable, cost effective, robust and highly durable. The cotton waste and clippings offered by us is used for making mats, mops, wiping cloths and dolls. Due to our sincere efforts, we are able to make among the top manufacturers, suppliers and importers of textile waste recycling and processing machines. These are widely acknowledged by our clients for its high quality and have a wide application in various industries. We import recycling cotton manufacturing machine from china.



OUR VISION

We believe success in business is built on relationship with customers that is founded on trust and we confirm it works because of clear communication and co-ordination of certain actions.



ASSETS

WE BELIEVE ENTRUST
EVERYTHING IS A LIABILITY
OTHER THAN CUSTOMER
FORMULA

CUSTOMER SATISFACTION
IS OUR **SUCCESS**

ALL IN ONE ROOF

01. Opener & Wooden Doffer Manufacturing
02. Cleaner Important 250 Liquin Mounting
03. Doffer & Wire Mounting
04. Engineering Workshop
05. Spares Store
06. Installation and Commissioning
07. Service & Maintenance
08. 24x7 Service



HIGH
PERFORMANCE



RELIABLE
DURABILITY



PRECISION
ENGINEERED



LOW
MAINTENANCE



COST
EFFECTIVE



Mo. : 9979056670



E-mail :
festivaltrading.india@gmail.com



GSTIN :
24EUPPD1727J1ZJ



Address 1 :
1st Floor 108, Saligram Lake Blue,
Adarsh Road, Nikol, Ahmedabad,
Ahmedabad, Gujarat, 380049



Address 2 :
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Nr. Khodiyar Mandir, Nikol Char Rasta,
Ahmedabad-382350

1. CNC TURNING CENTRE

KCP 200



HIGH
PRECISION



RIGID
STRUCTURE



RELIABLE
PERFORMANCE



HIGH
PRODUCTIVITY

KEY TECHNICAL PARAMETERS

- Gross Calorific Value (GCV): 3,500 – 4,700 kcal/kg
- Moisture Content: 6% – 12% max (ideal for clean combustion)
- Ash Content: 2% – 10% (low residue)
- Bulk/Compaction Density: 600 – 1,200 kg/m³
- Fixed Carbon: 15% – 30%
- Volatile Matter: 50% – 70%
- Sulfur Content: Near zero (virtually sulfur-free)

Ankit Bio Fuels LLP +6

TECHNICAL SPECIFICATIONS

CAPACITY

MAXIMUM TURNING DIAMETER	1800 mm
STANDARD TURNING DIAMETER	1400 mm
TURNING LENGTH	600 mm To 3000 mm
WIDTH OF BED	1200 mm
HEIGHT OF CENTER	1000 mm

SPINDLE

SPINDLE NOSE	A2-15
MAX. BAR CAPACITY (In Hollow Chuck)	125 mm
SPINDLE SPEED (MAX.)	300 RPM
SPINDLE MOTOR POWER	40HP
STANDARD POWER CHUCK SIZE	800X3 JAW (CLOSED CHUCK)

AXIS

X-AXIS STROKE	900 mm
X-AXIS RAPID	4 m/min
X-AXIS GUIDEWAYS	BOX TYPE
Z-AXIS STROKE	600 mm To 3000 mm
Z-AXIS RAPID	4 m/min
Z-AXIS GUIDEWAYS	HARDENED AND GROUND

PHYSICAL DIMENSIONS & COMPOSITION

- **Shape/Form:** Cylindrical, rectangular, or hexagonal logs
- **Diameter:** 70 mm to 90 mm standard (smaller variants down to 32 mm exist)
- **Length:** 50 mm to 300 mm
- **Common Raw Materials:** Groundnut shells, sawdust, rice husk, coffee husk, bagasse, and mustard stalks, pressed under high pressure without added chemical binders.

Ankit Bio Fuels LLP +6

2. BRIQUETTE MAKING PRESS

AUTOMATIC HYDRAULIC



ONLINE
CHILLER



INFEED
HOPPER



BRIQUETTES



PLC
CONTROL

KEY TECHNICAL PARAMETERS

- Gross Calorific Value (GCV): 3,500 – 4,700 kcal/kg
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CAPACITY

MAXIMUM TURNING DIAMETER	1800 mm
STANDARD TURNING DIAMETER	1400 mm
TURNING LENGTH	600 mm To 3000 mm
WIDTH OF BED	1200 mm
HEIGHT OF CENTER	1000 mm

SPINDLE

SPINDLE NOSE	A2-15
MAX. BAR CAPACITY (In Hollow Chuck)	125 mm
SPINDLE SPEED (MAX.)	300 RPM
SPINDLE MOTOR POWER	40HP
STANDARD POWER CHUCK SIZE	800X3 JAW (CLOSED CHUCK)

AXIS

X-AXIS STROKE	900 mm
X-AXIS RAPID	4 m/min
X-AXIS GUIDEWAYS	BOX TYPE
Z-AXIS STROKE	600 mm To 3000 mm
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1. BRIQUETTE MACHINE



SPECIFICATIONS

Production Capacity	More Than 2000
Raw Material	Biomass
Automation Grade	Automatic
Raw Material Processed	Biomass
Briquette Size	90 mm
Power Consumption	75 kW
Machine Type	Ram Type
Phase	Three Phase
Material of Construction	Mild Steel
Country Of Origin	Made In India
Voltage	415V
Material	Mild Steel
Briquet Size	90 mm
Phase Type	Three Phase

2. BIODEGRADABLE BAG MAKING MACHINE



PRODUCT SPECIFICATIONS

Capacity	65kg/hr
Power	50 hp
Voltage	38kw
Type of Machine	Biodegradable Bag Making Machine
Max Bag Length	250mm to 800mm
Max Bag Width	250mm to 800mm



HIGH
EFFICIENCY



ECO
FRIENDLY



AUTOMATIC
OPERATION



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3. HYDRAULIC CLAMPING INJECTION MOLDING MACHINE VE-120



CLAMPING UNIT SPECIFICATIONS

- Clamping Force: 00–1200 kN (00–120 Ton)
- Toggle Stroke: 320–350 mm
- Distance Between Tie Bars (H x V): 410 mm x 410 mm
- Mold Height (Min–Max): 200–450 mm
- Ejector Stroke: 100 mm
- Ejector Force: 25–30 kN



INJECTION UNIT SPECIFICATIONS

- Screw Diameter: 32 mm - 35 mm
- Screw L/D Ratio: 20:1 – 22:1
- Injection Capacity (Calculated): 115–185 cm³
- Shot Weight (PS): 100–145 g
- Injection Pressure: 1800–2200 bar
- Injection Speed: 150–200 mm/s
- Screw Speed: 0–220 rpm



GENERAL & POWER SPECIFICATIONS

- Pump Motor Power: 15–22 kW (Servo motor standard)
- Heater Capacity: 8–12 kW
- Number of Temperature Zones: 4–5 zones (including nozzle)
- Oil Tank Capacity: 250–320 L
- Machine Dimensions (L x W x H): 4.6 m x 1.2 m x 1.8 m
- Machine Weight: 3.2–3.8 Tons

Items

Unit

120

INJECTION UNIT

Calculated injection capacity	cm ³	145 - 181 - 222
Actual shot weight-PS	g	136 - 170 - 208
Actual plasticizing capacity-PS	kg/hr	40 - 55 - 72
Injection pressure-Max.	kgf/cm ²	1798 - 1440 - 1179
Screw diameter	mm	34 - 38 - 42
Screw L/D ratio	-	22 - 20 - 19
Screw stroke	mm	160
Nozzle stroke	mm	280

CLAMPING UNIT

Clamping force	ton	140
Clamp stroke - Max.	mm	350
Platen dimension	mm	620 x 620
Tie-bar distance (HxV)	mm	410 x 410
Open daylight-Max.	mm	800
Mold thickness (Min-Max)	mm	120 - 450
Ejector stroke	mm	100

GENERAL

Machine weight	ton	4.3
Machine dimensions	mm	4600 x 1200 x 1800



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6. ENGINE LATHE MACHINES



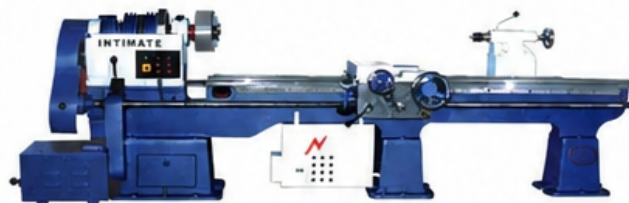
HEAVY DUTY ENGINE LATHE



GAP BED ENGINE LATHE



EXTRA HEAVY DUTY LATHE



PRECISION ENGINE LATHE



ALL GEAR HEAD ENGINE LATHE

IDEAL FOR

- General Turning Operations
- Facing, Taper Turning and Threading
- Industrial Maintenance Work
- Fabrication Workshops
- Tool Rooms and Machine Shops
- Education and Training Institutes

APPLICATIONS

- Turning
- Facing
- Taper Turning
- Thread Cutting
- Drilling
- Boring
- Knurling



TECHNICAL SPECIFICATIONS



CAPACITY AND DIMENSIONS

- Swing over bed:** Largest part diameter that rotates above the bed ways.
- Swing over cross slide:** Largest diameter that clears the carriage/cross slide.
- Distance between centers:** Maximum length of the workpiece supported between headstock and tailstock.
- Bed length and width:** Overall dimensions and rigidity footprint of the cast iron bed.
- Center height:** Vertical distance from the bed to the spindle center line.



HEADSTOCK AND SPINDLE

- Spindle bore (hollow):** Diameter of the hole through the spindle for passing bar stock.
- Spindle taper:** Internal taper (like Morse Taper MT-3 or MT-4) for mounting centers and chucks.
- Spindle speeds:** Range of rotation speeds (RPM) and number of available speed steps.



CARRIAGE AND TAILSTOCK

- Cross slide travel:** Maximum transverse movement distance of the cross slide.
- Tailstock quill/sleeve travel:** Forward and backward movement range of the tailstock barrel.
- Lead screw pitch/diameter:** Specifications used for cutting threads and automated feeds.



POWER AND WEIGHT

- Motor power:** Horsepower (HP) rating driving the primary system (typically 2 HP to 5 HP for standard workshop units).
- Net weight:** Total weight of the machine, influencing stability and vibration control.

TECHNICAL SPECIFICATIONS (TYPICAL MODEL RANGE)

SPECIFICATION	STANDARD DUTY MODEL	HEAVY DUTY MODEL	EXTRA HEAVY DUTY MODEL	ALL GEAR HEAD MODEL
Swing over bed	300 mm (12")	410 mm (16")	510 mm (20")	660 mm (26")
Swing over cross slide	180 mm (7")	240 mm (9.5")	300 mm (12")	400 mm (16")
Distance between centers	750 / 1000 mm	1000 / 1500 mm	1500 / 2000 mm	1500 / 3000 mm
Bed length	1200 mm	1600 mm	2000 mm	2500 mm
Bed width	260 mm	300 mm	350 mm	400 mm
Center height	150 mm	205 mm	255 mm	330 mm
Spindle bore	38 mm	52 mm	80 mm	105 mm
Spindle taper	MT-3	MT-4	MT-5	MT-6
Spindle speeds (RPM)	60 – 1600 (8 Steps)	45 – 1800 (8 Steps)	30 – 1400 (12 Steps)	20 – 1000 (18 Steps)
Cross slide travel	175 mm	200 mm	250 mm	280 mm
Tailstock quill travel	120 mm	150 mm	200 mm	250 mm
Lead screw pitch	4 / 6 TPI	4 / 6 TPI	4 / 6 TPI	4 / 6 TPI
Motor power	2 HP	3 HP	5 HP	7.5 HP
Net weight (Approx.)	800 kg	1400 kg	2200 kg	3200 kg

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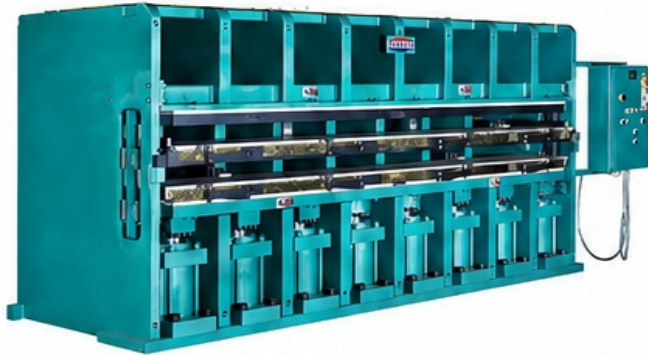
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7. HYDRAULIC PRESSES



HYDRAULIC SHEET PRESS



4 PILLAR HYDRAULIC PRESS



PORTABLE HYDRAULIC PRESS



C-FRAME HYDRAULIC PRESS

KEY SPECIFICATIONS RANGE



TONNAGE CAPACITY

5 Ton, 10 Ton, 50 Ton, 100 Ton, 250 Ton, up to 500 Ton



FRAME STRUCTURES

H-Frame (heavy duty), Four - Pillar (balanced pressure), or C-Type (accessible workspace)



OPERATION MODES

Manual, Semi-Automatic, or Fully Automatic (PLC - controlled)



WORKING PRESSURE

150 bar to 350 bar (depending on cylinder size)



STROKE LENGTH

50 mm (lower tonnage) up to 1500 mm (high tonnage deep drawing)



POWER SUPPLY

220V/440V, 3-Phase, 50 Hz

APPLICATIONS



Metal Stamping



Molding



Bending



Punching



Deep Drawing



Assembly

WE CAN CUSTOMIZE AS PER YOUR REQUIREMENT

If you are planning to purchase or design a press, please let me know:

- What is your intended application (e.g., metal stamping, molding, bending)?
- Which tonnage capacity do you need?



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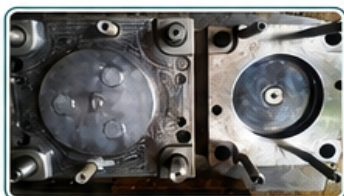
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5. PLASTIC PRODUCTS & NONWOVEN MANUFACTURING SOLUTIONS

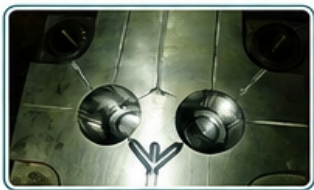
PLASTIC PRODUCT MOLDS



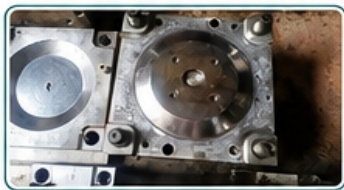
PLASTIC JAR MOLD



JAR CAP MOLD



PLASTIC PIPE MOLD



PLASTIC PLATE MOLD



ROUND SMALL JAR WITH CAP MOLD

TECHNICAL SPECIFICATIONS BY TONNAGE CLASS

Specification Parameter	Small-Scale (50 – 100 Ton)	Medium-Scale (500 – 1,000 Ton)	Ultra-Large Scale (3,000 – 5,000+ Ton)
Typical Applications	Precision gears, caps, connectors	Automotive bumpers, dashboards, crates	Industrial pallets, garbage bins, septic
Mold Weight Capacity	200 kg – 1,000 kg	5 Tons – 20 Tons	40 Tons – 150+ Tons
Shot Weight (Shot Capacity)	50g – 250g	1 kg – 5 kg	15 kg – 50+ kg
Tie-Bar Clearance (H x V)	310 mm x 310 mm to 410 mm x 410 mm	900 mm x 900 mm to 1200 mm x 1200 mm	2200 mm x 2200 mm to 3000+ mm x 3000 mm
Mold Thickness (Min - Max)	150 mm – 450 mm	500 mm – 1100 mm	1200 mm – 2800+ mm
Clamping Stroke	250 mm – 400 mm	800 mm – 1300 mm	1800 mm – 3500+ mm
Injection Pressure	1800 bar – 2200 bar	1600 bar – 2000 bar	1400 bar – 1800 bar
Screw Diameter Range	25 mm – 45 mm	70 mm – 110 mm	160 mm – 250+ mm

NONWOVEN PRODUCTION LINE



TECHNICAL SPECIFICATIONS

-  **Capacity:** 600 kg to 1000 kg per 24 hours
-  **Product GSM:** 18 GSM to 120 GSM
-  **Working Width:** 800 mm to 2200 mm (40 to 80 inches)
-  **Power Requirement:** 38 kW to 49 HP (440V, 3-Phase)
-  **Machine Dimensions:** Approx. 25m (L) x 10m (W) x 4m (H)
-  **Total Weight:** Around 11.5 to 12 Tons
-  **Raw Materials:** Regenerative cotton, starch glue, water, and calcium powder
-  **Line Components:** Softening machine, automatic cotton feeder, carding machine, web-former, web-dryer, flattening machine, main dryer, and counter-winder



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