



PRODUCT CATALOGUE 2021



Factory Address

913, Saharanpur Road
Near Power House
Yamuna Nagar, Haryana-135001

Contact

Phone +91-9467528386
+91-7015144250,9992328746
Email dnhengineers@gmail.com
Web www.dnhengineers.com



01 About

D&H Engineers is a prominent source of quality plywood machinery and allied products. Based in Yamuna Nagar, we manufacture our products with latest technology keeping in mind the demand of our consumers. Our quality products are widely appreciated for enriching the value and quality of output in plywood industry.

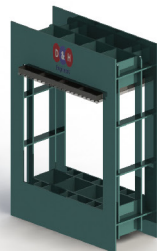


In house manufacturing

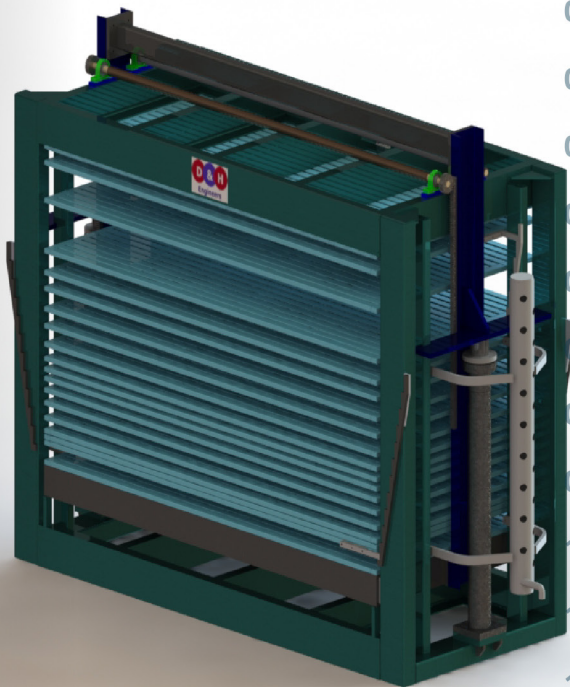
Our machinery is available at best price in the market because we transfer our benefit of being an inhouse manufacturing powerhouse. Be it from raw material stocks to machinery spare part, We have it all under one roof. It not only provides us edge over other manufacturers, but also benefits our clients with readily available parts and machines.

Virtually Designed Products

All our products are designed and tested by using 3D CAD softwares. Virtual modelling and simulation not only benefits in reducing the cycle time of the product, but also helps in cost cutting by minimising trial and testing errors.



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03

Core Dry Press

Core Dry Press Plywood Machine/ Veneer Dryer Press are being used for drying various kinds of plywoods in the furniture sector.

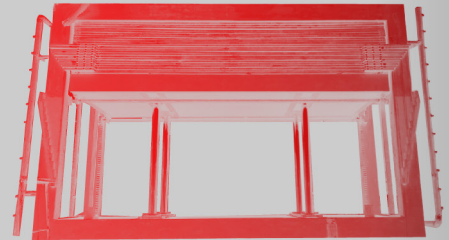
Fitted with powerful cylinders and hot platen, our Core Dry Press Plywood Machine provide high & delay free performance. The heating medium in core dry press products can be either thermal oil or hot steam according to the needs of the customer.

Features:

- The machine is ready to use solution. There is no need of fitting, sealing or any foundation, it can be installed on the shop floor.
- Uniformly press & drying the core veneers.
- Less Maintenance and less Power consumption.
- High grade & tested material are used for structure & platens
- Easily operation. User friendly and easy to operate.



Without Foundation Model



Foundation Model

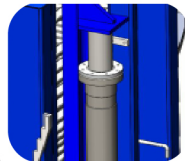
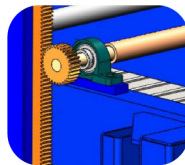




| | | |
|-----------------------------------|---|---|
| Product Name | Core Dryer Press – without Foundation Model | Core Dryer Press – Foundation Model |
| Product Type/ Model No. | 9'*4.25' Press / DNH-CDPS | 9'*4.25' Press / DNH-CDPSF4 |
| No. of Daylights | 20 | 20 |
| Structure | Heavy Duty MS Frame Structure 8" | Heavy Duty MS Frame Structure 8" |
| Platen Dimension | 2794x1320X25 | 2794x1320X25 |
| Cylinder Mounting Position | Side | Bottom |
| No. of Hydraulic Cylinders | 2 | 4 |
| Heating Medium | Thermic Oil/Steam | Thermic Oil/Steam |
| Material Of Platen | MS RECTANGULAR PIPE 50*25*3.2 | MS RECTANGULAR PIPE 50*25*3.2 |
| Hydraulic Ram | Solid hard chromed ϕ 110 | Solid hard chromed ϕ 85 |
| Gap B/w Platen | 60-65mm | 60-65mm |
| Motor | 5 HP CG/ABB | 5 HP CG/ABB |
| Electrical Panel | Automatic with Timer Control, Limit Switch/Timer, Temperature Meter, Contactors, MCB (L&T) & Relays | Automatic with Timer Control, Limit Switch/Timer, Temperature Meter, Contactors, MCB (L&T) & Relays |
| Hydraulic Power pack | 125 ltr. Capacity Powerpack(Without oil), Polyhydron Check valves and Yuken DC Valves, Pressure Gauge (4"), Hydraulic Gear Pump | 125 ltr. Capacity Powerpack(Without oil), Polyhydron Check valves and Yuken DC Valves, Pressure Gauge (4"), Hydraulic Gear Pump |



Custom size of Core Dry Presses also available. Other Sizes available 11'x4.25', 13'x4.25' upto 26 daylights.



Powerful Hydraulic Piston Cylinder with Rack and pinion drive.

04 Core Dry Press



"Plywood Dipping Machine is mostly used for chemical coating of plywood flush-door and ply boards. D&H Engineers manufactures automatic and manual model of dipping machine which is highly appreciated in plywood industry."

| | |
|------------------------------|---|
| Product Name | Plywood Dipping Machine |
| Product Type/Model | Automatic Model/DNH-ADM |
| Thickness Adjustment | 5mm to 65 mm |
| Machine Body | Fabricated. Heavy Duty |
| No. of Rubber Rollers | 12 |
| Roller Dia. x Length | 7" x 54" Neoprene Rubber 50% Hardness. |
| Chemical Tank | 400 LTR. Approx. MS Tank |
| No. of Gearbox | 2 |
| Electrical Motors | 3 Nos. (5HP including 1 HP Monoblock chemical lifting Pump) |
| Electrical Panel | Standard with L&T make Contactors |
| Others | Entry and exit conveyor System, Side Dipping showers, Limit Switch installed, Chemical Pouring Funnel, Push button thickness adjustment |



- 1. Rubber roller also available in 6"/7"/8"
- 2. SS 304 tank and electrical/steam heater coils available.

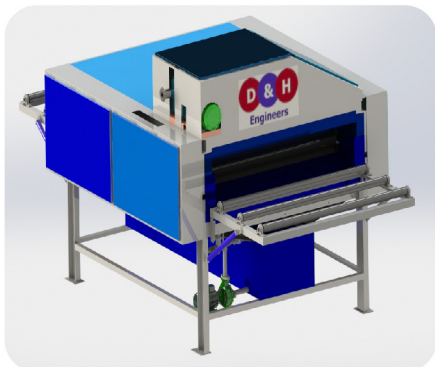
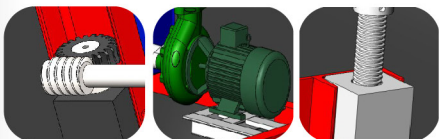
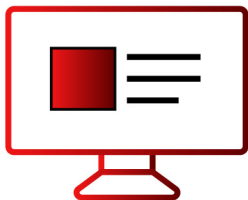
05 Plywood Dipping Machine



Dipping Machine Manual model

| | |
|------------------------------|--|
| Product Name | Plywood Dipping Machine |
| Product Type/Model | Manual Model/ DNH-DMM |
| Thickness Adjustment | 5mm to 65 mm |
| Machine Body | Fabricated. Heavy Duty 16mm MS Plate Structure |
| No. of Rubber Rollers | 12 |
| Roller Dia. x Length | 7" x 54" Neoprene Rubber |
| Chemical Tank | 400 LTR. Approx. MS Tank |
| No. of Gearbox | 1 |
| Electrical Motors | 2 NOs. (4HP including 1 HP Monoblock chemical lifting Pump) |
| Electrical Panel | Standard with L&T make Contactors with rev/for. option |

Digitally Designed Product

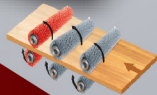


3D CAD Model



Plywood Brush Sanding Machine

Use Dust
Collector
for superior
performance

Available in 4/6/8 Brush Rolls

| Product Name | Digital Plywood Brush Sanding Machine | Plywood Brush Sanding Machine |
|---------------------------------------|---|--|
| Product Type/Model No. | Double Side AUTOMATIC / DNH-ABSMS-6 | Double Side/ DNH-BSMS-6 |
| Machine Body | MS (as per IS 2062) Fabricated with Square Pipe 150x150 | MS (as per IS 2062) Fabricated with MC Channel 100x50, ISA 50x6 MS Plate Body 16mm |
| No. of Sanding and Steel wool Rollers | 4+2 | 4+2 |
| Brush Roller Material | Silicon Carbide (German Quality) | Silicon Carbide (German Quality) |
| Roller Dia. x Length | 7" x 54" Shaft Size: 45 mm | 7.5" x 54" Shaft Size: 45 mm |
| No. of Feeder Rollers | 8 | 8 |
| Roller Dia. x Length | 5" x 54" Shaft Size: 35 mm | 5" x 54" Shaft Size: 40 mm |
| No. of Gearbox | 2 | 1 (Aluminum Body) |
| Entry and Exit conveyor Table | Both Sides | Both Sides |
| Total Motor Power | Approx. 30 HP (Make : Crompton) | Approx. 20 HP (Make : Crompton) |
| Electrical Panel | Standard with L&T Switchgears | Standard with L&T Switchgears |
| Thickness adjustment | Digital Sensor Readout with DRO system. | Handle Type adjustment with Scale. |
| Working Speed | One 8x4 board in 15-20 seconds | One 8x4 board in 15-20 seconds |

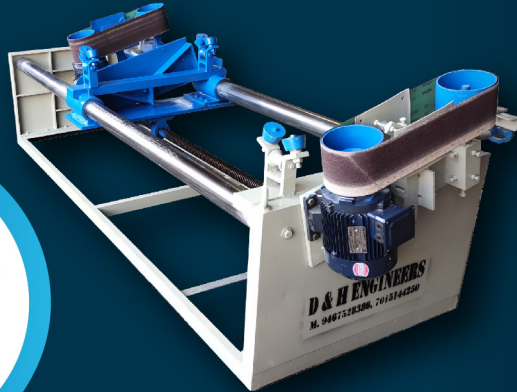
08

Plywood Sanding Machine

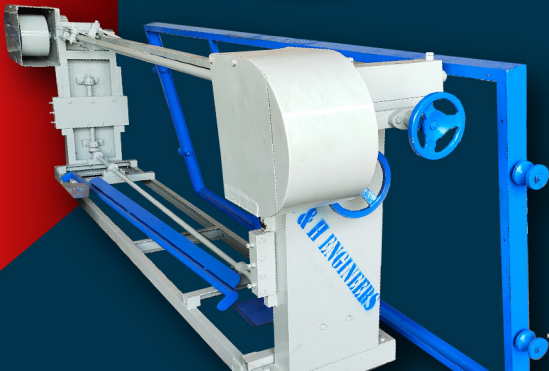
Belt Sanding Machine

Economical model for Ply finishing.

- Total Motor Power: 5 HP
- Available in CI/MS Body
- Easy to Use



01



02

Side Sanding Machine

Widely used for edge sanding purpose.

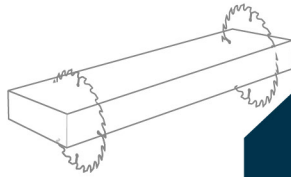
- Total Motor Power: 10 HP
- Heavy Duty Structure
- Lead Screw Adjustment

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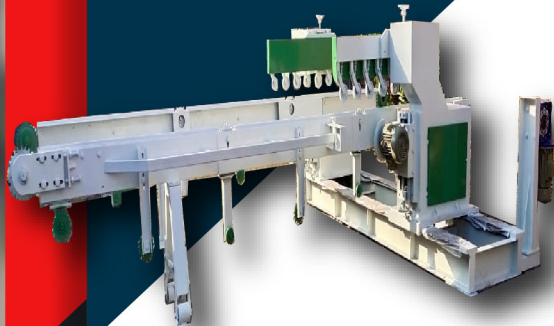
09

DD Saw/ Edge Trimming Saw Machine



| | |
|-------------------------------|--|
| Product Name | Double Dimensioning Saw |
| Product Type/Model No. | Manual/DNH-MDDS |
| Frame | MS Heavy Duty |
| Slide | Heavy Duty Seamless Pipe Slide |
| Housing | Cast Iron |
| Motor | 7.5 HP 2880 RPM 2 Nos. Direct Mount Make: CG |
| Features | Lead Screw Adjustment. Easy To use |

| | |
|-------------------------------|--|
| Product Name | Chain DD Saw |
| Product Type/Model No. | Automatic/DNH-ACDDS |
| Frame | MS Heavy Duty |
| Drive | Chain Drive |
| No. of Gearbox | 1 |
| Power | 20HP Mount Make: CG |
| Features | Board Width Adjustment. Quick operation |



High on Performance

Low on Budget

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Glue Spreader Machine



Single Chain Model

| | |
|----------------------------------|---|
| Product Name | Glue Spreader- 4 feet 4 Rollers |
| Product Type/Model No. | Manual/DNH-GSP36 |
| Dia. - Spreading Roller | 315 mm |
| Length - Spreading Roller | 1375 mm |
| Rubber roll material | Neoprene Mix Synthetic Rubber |
| Dia. - Master Roller | 140 mm |
| Length- Master Roller | 1375 mm |
| Master Roller | Hard Chrome Steel Roller |
| No. of Rollers | 4 |
| Motor Capacity | 3 HP (Crompton/ ABB) |
| Drive | Belt and Pulley Drive Coupled with Double Chain Drive |
| Glue Tray | MS Tray |
| Working RPM | 40-45 rpm approx. |
| Others | Chain Covers, Glue spillage Guards |

* Available in 36"/42"/54" Rollers Plate/ Column Type Models



Double Chain Model

11 Glue Mixer Machine

01

Horizontal Glue Mixer - 200 kg

- Total Motor Power: 3 HP
- MS Fabricated Body
- Easy To use



02

Horizontal Glue Mixer - 500 kg

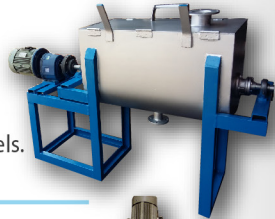
- Total Motor Power: 3 HP
- MS Fabricated Body
- Double Belt Drive.



03

SS 304 Glue Mixer

- Total Motor Power: 3 HP/5HP
- Stainless Steel Fabricated Body
- Premium Quality
- Available in Gearbox/ Belt Drive models.



04

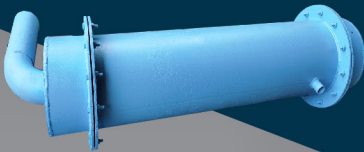
Vertical Glue Mixer

- Total Motor Power: 3 HP/5HP
- Available in 500kg/1 Ton capacity
- Premium Quality
- Dish Type Model.



12 Glue /Resin Kettle

| Product Name | Glue Kettle 2T | Glue Kettle 3T |
|----------------|---|---|
| Capacity | 2000 Kg | 3000 Kg |
| Model | Double Jacket Type with tori spherical base and top | Double Jacket Type with tori spherical base and top |
| Motor Capacity | 3 HP (Make-CG/ABB) | 5 HP (Make-CG/ABB) |
| Frame | MS Heavy Duty | MS Heavy Duty |
| Inner Shell | SS 304 6mm | SS 304 6mm |
| Outer Shell | MS Plate IS 2062 8mm | MS Plate IS 2062 8mm |
| Gearbox | 4" | 4" |
| Condenser | Shell Tube Type | Shell Tube Type |
| Stirrer | Paddle Type | Paddle Type |
| Inner Coil | SS Coil | SS Coil |
| Medium | Thermic Oil/Steam | Thermic Oil/Steam |



Available in 1/2/3/5 Ton Models

13 Ripsaw Machine

We offer wide range of ripsaw for peeling wastage, dd saw scrap, bit cutting etc. The machines find great application in making blockboard & flushdoor bits.

3 Cutter Model

- Total Power: 14 HP
- Working Size: 40-55mm
- Cutter Dia.: 10 inch

4 Side Bit Ripsaw Machine for Peeling Roll Waste

2 Cutter Model

- Total Power: 10.5 HP
- Working Size: 30-40mm
- Cutter Dia.: 8 inch



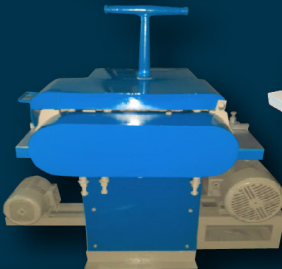
Round



Square



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4 Cutter Model

- Small Size Ripsaw
- Electric Power: 9.5 HP
- Cutter Dia.: 10 inch

7 Cutter Model

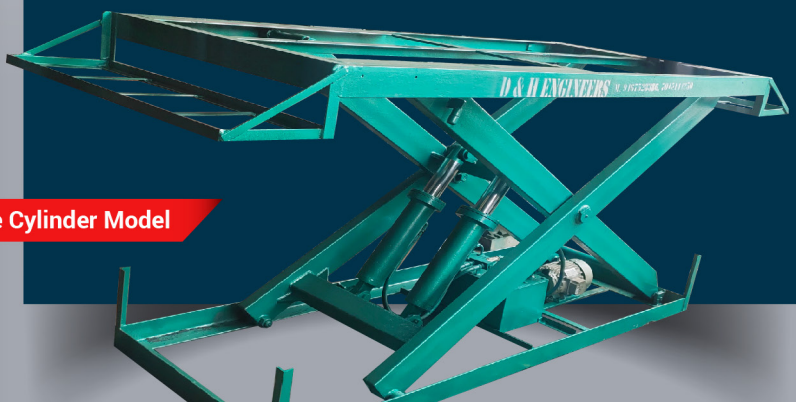
- Heavy Duty Model
- Ideal for Bit Making
- Cutter Dia.: 12/14 inch



14 Hydraulic Scissor Lift

Specifically designed Hydraulic Lifts for Plywood hot press Loading & Unloading purpose.

| Product Name | Hydraulic Scissor Lift Table | Hydraulic Scissor Lift Table |
|------------------------|--|--|
| Product Type/Model No. | Stationary/DNH-HSLT1P | Stationary/DNH-HSLT2P |
| Platform Frame Size | 2700(L)x1320(W) (Open) | 2700(L)x1320(W) (Open) |
| Capacity | 5000 Kg. | 2500 Kg. |
| Machine Frame | MS (as per IS 2062) Fabricated | MS (as per IS 2062) Fabricated |
| Lift Height | UPTO 20 DAYLIGHTS | UPTO 7 FEET |
| Power Pack | Fitted with Polyhydron and Yuken Hydraulic Components and 3HP Motor (Make: Crompton) | Fitted with Polyhydron and Yuken Hydraulic Components and 3HP Motor (Make: Crompton) |
| Hydraulic Ram | φ110 Solid Hard Chromed Piston Rod | φ85 Solid Hard Chromed Piston Rod |
| Scissor Lift Arm | Rectangular Tube ERW as per IS 4923 125x63 mm | Rectangular Tube ERW as per IS 4923 150x70 mm |



Double Cylinder Model

Plywood Polishing Machine (Steel wool Machine)



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”
Dusting Steel Wool Machine is a new product with a new concept for removal of dust stuck on plywood surface after it is dipped into chemical.
”

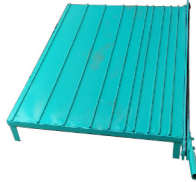
| Product Name | Plywood Polishing Machine |
|-------------------------------|--|
| Model | Semi-Automatic |
| Product Type/Model No. | Double Side/ DNH-SWMDS-4 |
| Machine Body | MS (as per IS 2062) Fabricated MS Plate |
| No. of Polishing Rollers | 4 (German Quality Silicon Carbide) |
| Roller Dia. x Length | 7.5" x 54" |
| No. of Guide Rollers | 6 |
| Roller Dia. x Length | 5" x 54" |
| No. of Gearbox | 1 |
| Entry and Exit conveyor Table | Both Sides |
| Power | 20 HP (Make Crompton) (2 nos.- 7.5 HP, 1 Nos.- 2 HP & 3 HP) |
| Electrical Panel | Standard with L&T Switchgears |

16

Allied Plywood Machines



Paddle Chopper



Hand Chopper



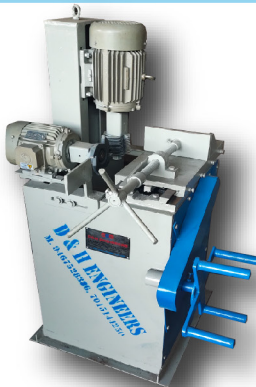
Table Cutter



Dust collector- Single Bag Model



Dust collector- Double Bag Model



Finger Making Machine



Finger Joint Table

17

Allied Plywood Machines



Plate Stand



Colling Fan



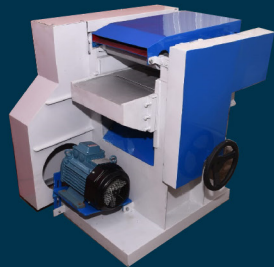
Loading Trolley



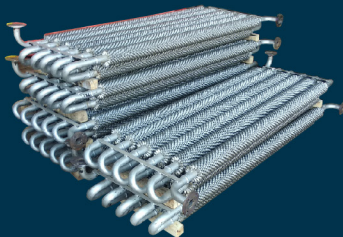
Composing Table



Core Cutter



Thickness Planar



Seasoning Chamber



Treatment Tank



Head Office

913, Saharanpur Road
Near Power House
Yamuna Nagar, Haryana

Phone

+91-9467528386
+91-7015144250
+91-9992328746

Web & Mail

Email : dnhengineers@gmail.com
Web : www.dnhengineers.com

