



GRAVITON
— GLOBAL —

Driven by innovation. Powered by Trust.

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About Graviton Global

Driven by Innovation, Powered by Trust

Graviton Global is an engineering-driven company specializing in the design, manufacturing, and supply of advanced machinery solutions for the plywood and wood processing industry.

With a strong focus on innovation, precision engineering, and customer satisfaction, we develop reliable machinery solutions that help manufacturers improve productivity, enhance product quality, and achieve efficient production performance.

Our commitment is built on two core principles:

Innovation – Developing advanced engineering solutions, improving machine performance, and delivering customized machinery according to evolving industrial requirements.

Trust – Building long-term relationships with customers through quality manufacturing, reliable performance, transparent communication, and dedicated technical support.

Brand Identity

Our products are promoted under the brand name **Grevian Global**, representing our vision of establishing a globally recognized engineering brand.

Grevian Global (TRADE MARK) reflects our commitment to delivering dependable, high-performance machinery solutions while continuing the engineering expertise and product development philosophy of Graviton Global.

Our Commitment

At Graviton Global, every machine represents our dedication towards:

- **Advanced engineering**
- **Reliable performance**
- **Quality manufacturing**
- **Customized solutions**
- **Long-term customer partnerships**

From standard plywood machinery to fully customized industrial solutions, we work towards delivering equipment that supports our customers' growth and success.

Our Product Range

Complete Plywood Machinery Solutions

At **Graviton Global**, we provide a complete range of **standard and customized plywood manufacturing machinery** designed to meet the requirements of modern plywood industries.

Our product portfolio covers individual machines as well as customized solutions for complete production requirements.

- ✓ Hydraulic Hot Press Machine
- ✓ Hydraulic Lift Core Dryer (LCD)
- ✓ Hydraulic Cold Press Machine
- ✓ Hydraulic Power Pack
- ✓ Glue Spreader Machine
- ✓ Glue Mixer Machine
- ✓ D.D. Saw (Double Disc Saw)
- ✓ Hydraulic Scissor Lift Platform
- ✓ Loading Trolley
- ✓ Conveyor System
- ✓ Wood Chipper / Pandal Chipper

Customized Machinery & Solutions

- **Complete Plywood Production Line**
- **Customized Hydraulic Presses**
- **Customized Hydraulic Power Packs**
- **Customized Conveyor Systems**
- **Material Handling Systems**
- **Automatic Loading & Unloading Systems**
- **PLC-Based Automation Solutions**
- **Plant Layout & Engineering Solutions**
- **Turnkey Plywood Plant Projects**
- **Machine Upgradation & Retrofitting**
- **Industrial Hydraulic Systems**
- **Special Purpose Machines (SPM)**

Hydraulic Hot Press Machine



Graviton Global Hydraulic Hot Press Machine

High Performance | Precision Pressing | Superior Bonding Quality

The **Graviton Global Hydraulic Hot Press** is designed for high-pressure and high-temperature pressing applications in plywood, block board, flush door, and panel manufacturing industries.

Manufactured with a heavy-duty welded structure, precision-machined platens, and advanced hydraulic technology, the machine ensures uniform pressure distribution, excellent bonding strength, and consistent product quality.

Key Features

- ✓ Heavy-duty steel fabricated structure
- ✓ Precision-machined heating platens
- ✓ Uniform pressure distribution
- ✓ High-efficiency hydraulic system
- ✓ Accurate pressure control
- ✓ Multiple daylight configurations
- ✓ Low maintenance operation
- ✓ Long service life

Available Specifications

- Press Capacity: 100 Ton – 600 Ton
- Working Sizes:

6' × 4'

8' × 4'

- Daylights: Customized according to requirement
- Hydraulic Pressure: Up to 315 Bar
- Heating System: Steam / Thermal Oil / Electric (As required)
- Control System: Manual / Semi-Automatic / PLC (Optional)

Applications

- Plywood manufacturing
- Block board production
- Flush doors
- Laminated panels
- Veneer-based products

Hydraulic Core Dryer (LCD)



Graviton Global Hydraulic Core Dryer (LCD)

Efficient Drying | Smooth Hydraulic Operation | Higher Productivity

The Graviton Global Hydraulic Lift Core Dryer is designed for efficient drying of veneer core material used in plywood manufacturing.

The hydraulic lifting mechanism provides smooth movement of multiple drying levels, reducing manual handling and improving production efficiency.

Key Features

- ✓ Hydraulic lifting system
- ✓ Multiple daylight configuration
- ✓ Heavy-duty construction
- ✓ Smooth and accurate movement
- ✓ Better material handling
- ✓ Customized according to production requirements

Available Specifications

- Working Sizes:

6' × 4'

8' × 4'

- Models:

LCD-10

LCD-15

LCD-20

LCD-25

- Daylights: 10–25 (Customized)

Applications

- Core veneer drying
- Plywood industries
- Veneer processing plants

Graviton Global Hydraulic Core Dryer Machine Technical Specifications (100-250 Ton 8' × 4')

Specification	LCD-10	LCD-15	LCD-20	LCD-25
Machine Type	Hydraulic Lift Core Dryer	Hydraulic Lift Core Dryer	Hydraulic Lift Core Dryer	Hydraulic Lift Core Dryer
Working Size	8' × 4'	8' × 4'	8' × 4'	8' × 4'
Number of Trays/Levels	10	15	20	25
Lifting System	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Hydraulic Cylinders	2 Nos.	2 Nos.	4 Nos.	4 Nos.
Cylinder Bore	100 mm	125 mm	140 mm	160 mm
Cylinder Stroke	2500 mm	3500 mm	4500 mm	5500 mm
Working Pressure	180–210 bar	180–210 bar	180–210 bar	180–210 bar
Hydraulic Pump	25 LPM	40 LPM	50 LPM	63 LPM
Hydraulic Motor	7.5 HP	10 HP	15 HP	20 HP
Oil Tank Capacity	200 L	250 L	350 L	500 L
Blower Motor	5 HP	7.5 HP	10 HP	15 HP
Heating Medium	Thermic Fluid / Steam	Thermic Fluid / Steam	Thermic Fluid / Steam	Thermic Fluid / Steam
Drying Temperature	120–180°C	120–180°C	120–180°C	120–180°C
Moisture Reduction	50–70% to 6–12%	Same	Same	Same
Control System	PLC / Manual	PLC	PLC	PLC
Power Supply	415 V, 3 Phase, 50 Hz	Same	Same	Same

Gravton Global Hydraulic Core Dryer Machine Technical Specifications (100-250 Ton 6' × 4')

Specification	LCD-10	LCD-15	LCD-20	LCD-25
Working Size	6' × 4' (1830 × 1220 mm)	6' × 4'	6' × 4'	6' × 4'
Number of Trays / Levels	10	15	20	25
Lifting System	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Hydraulic Cylinders	2 Nos.	2 Nos.	4 Nos.	4 Nos.
Cylinder Bore	100 mm	125 mm	140 mm	160 mm
Cylinder Stroke	2200 mm	3200 mm	4200 mm	5200 mm
Working Pressure	180–210 bar	180–210 bar	180–210 bar	180–210 bar
Hydraulic Pump Capacity	25 LPM	40 LPM	50 LPM	63 LPM
Hydraulic Motor	7.5 HP	10 HP	15 HP	20 HP
Oil Tank Capacity	200 L	250 L	350 L	500 L
Blower Motor	5 HP	7.5 HP	10 HP	15 HP
Heating Medium	Thermic Fluid / Steam	Thermic Fluid / Steam	Thermic Fluid / Steam	Thermic Fluid / Steam
Drying Temperature	120–180°C	120–180°C	120–180°C	120–180°C
Moisture Reduction	50–70% to 6–12%	Same	Same	Same
Control System	Manual / PLC	PLC	PLC	PLC
Power Supply	415 V, 3 Phase, 50 Hz	Same	Same	Same

Hydraulic Cold Press



Graviton Global Hydraulic Cold PRESS

Heavy-Duty Hydraulic Pressing Solution for Plywood & Wood Panel Industries

The Graviton Global Hydraulic Cold Press is designed for uniform pressing and bonding of veneer, plywood, block board, flush doors, laminated boards, and other wood-based panels. The machine features a robust upper moving bed, fixed lower bed, and hydraulic pressing system for reliable pressure application and consistent bonding quality.

Standard Features

- Heavy-duty fabricated steel structure
- Upper hydraulically operated moving bed
- Fixed lower bed
- High-pressure hydraulic cylinder system
- Pressure holding arrangement
- Robust guide system
- Hydraulic power pack
- Pressure gauge and control valves
- Manual / semi-automatic / PLC control options
- Safety protection system



Model

GG-CP-50

GG-CP-100

GG-CP-200

GG-CP-300

GG-CP-500

Applications

- **Veneer Bonding**
- **Plywood Lamination**
- **Block Board**
- **Flush Doors**
- **Laminated Panels**
- **Wood-Based Boards**

Customization

- Press capacity

- cylinder configuration

- stroke, pressing speed

- hydraulic system

- automation can be customized according to customer requirements.



Gravton Global Hydraulic Cold Press Machine Technical Specifications (50-500 Ton)

Press Capacity	No. of Cylinders	Cylinder Bore (Approx.)	Cylinder Stroke	Working Pressure	Power Pack Motor	Pump Flow	Oil Tank Capacity
50 Ton	1 No.	150 mm	500 mm	160 Bar	3 HP	12–16 LPM	80 L
100 Ton	1 No.	200 mm	600 mm	180 Bar	5 HP	20–25 LPM	120 L
200 Ton	2 Nos.	180–200 mm	700 mm	200 Bar	10 HP	40–50 LPM	250 L
300 Ton	2 Nos.	220 mm	800 mm	250 Bar	15 HP	60–80 LPM	400 L
400 Ton	4 Nos.	200–220 mm	800–1000 mm	250 Bar	20–25 HP	100 LPM	600 L
500 Ton	4 Nos.	250 mm	1000 mm	250–315 Bar	30–40 HP	125–160 LPM	800–1000 L

Gravton Global Hydraulic Cold Press Machine Technical Specification According to Power Pack (50-100 Ton)

Model	Press Capacity	Hydraulic Cylinder	Working Pressure	Power Pack Model	Motor Power	Pump Flow	Oil Tank Capacity	Hydraulic System
GG-CP-50	50 Ton	1 No.	160 Bar	GGHPP-50-CP	3 HP	12–16 LPM	60–80 L	Hydraulic Gear Pump
GG-CP-100	100 Ton	1–2 Nos.	180 Bar	GGHPP-100-CP	5 HP	20–25 LPM	100–150 L	Hydraulic Gear Pump
GG-CP-200	200 Ton	2 Nos.	200 Bar	GGHPP-200-CP	7.5 HP	32–40 LPM	200–250 L	Heavy Duty Gear Pump
GG-CP-300	300 Ton	2–4 Nos.	250 Bar	GGHPP-300-CP	10 HP	50–63 LPM	300–400 L	High Pressure Hydraulic System
GG-CP-500	500 Ton	4 Nos.	250 Bar	GGHPP-500-CP	15–20 HP	80–100 LPM	500–700 L	Heavy Duty Hydraulic System

Hydraulic Power Pack



Graviton Global Hydraulic Power Pack

High-Performance Hydraulic Power Solution

Product Description

Power-Pack Model	GGHPP-100	GGHPP-150	GGHPP-200	GGHPP-300	GGHPP-400	GGHPP-600
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The **Graviton Global Hydraulic Power Pack** is a complete hydraulic power unit designed to provide controlled hydraulic pressure and flow for industrial machinery such as **hot presses, cold presses, core dryers, scissor lifts, and other hydraulic applications.**

The power pack is engineered for reliable operation, smooth hydraulic performance, and long service life. It consists of a hydraulic pump, electric motor, oil tank, control valves, filtration system, and pressure regulation components assembled in a compact and efficient design.

Standard Power Pack Components

- Hydraulic oil reservoir
- Electric motor(s)
- Hydraulic pump(s)
- Pressure relief valve
- Directional control valve
- Flow control valve
- Pressure gauge
- Hydraulic manifold
- Suction filter
- Return-line filter
- Oil level indicator
- Breather
- Electrical control panel
- Safety and overload protection

Standard Electrical Specification

- Power Supply: 415 V, 3 Phase, 50 Hz
- Motor Speed: Approximately 1440 RPM at 50 Hz
- Motor: Industrial TEFC type
- Control: Manual / Semi-Automatic / PLC
- Pump: Gear / Vane / Piston type according to application

Model Wise Specification						
Specification	100 Ton Hot Press	150 Ton Hot Press	200 Ton Hot Press	300 Ton Hot Press	400 Ton Hot Press	600 Ton Hot Press
Power-Pack Model	GGHPP-100	GGHPP-150	GGHPP-200	GGHPP-300	GGHPP-400	GGHPP-600
Suitable Machine	Hot Press	Hot Press	Hot Press	Hot Press	Hot Press	Hot Press
Working Pressure	250 Bar	250 Bar	250 Bar	250 Bar	250–315 Bar	250–315 Bar
Maximum Pressure	315 Bar	315 Bar	315 Bar	315 Bar	350 Bar	350 Bar
Pump Type	Vane	Vane	Piston	Piston	Piston	Piston
Pump Capacity	40 LPM	50 LPM	63 LPM	80 LPM	100 LPM	160 LPM
Electric Motor	10 HP	15 HP	20 HP	25 HP	30 HP	50 HP
Motor Output	7.5 kW	11 kW	15 kW	18.5 kW	22 kW	37 kW
Supply Voltage	415 V, 3Ø, 50 Hz	Same	Same	Same	Same	Same
Oil Tank Capacity	250 L	300 L	400 L	500 L	700 L	1000 L
Hydraulic Oil	ISO VG-68	ISO VG-68	ISO VG-68	ISO VG-68	ISO VG-68	ISO VG-68
Filtration	10 Micron	10 Micron	10 Micron	10 Micron	10 Micron	10 Micron
Oil Cooling	Natural	Natural	Optional	Air Cooled	Air Cooled	Air/Water Cooled
Duty Cycle	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
Control Type	Solenoid Valve	Solenoid Valve	PLC Compatible	PLC Compatible	PLC Compatible	PLC + Servo Option
Cylinder Compatibility	2 Cylinders	2 Cylinders	4 Cylinders	4 Cylinders	6 Cylinders	8 Cylinders
Approx. Cycle Time*	90–120 sec	90–120 sec	80–100 sec	70–90 sec	60–80 sec	50–70 sec

Graviton Hydraulic Power Pack for Hot Press According to the Capacity (6' × 4')

Press Capacity	Machine Size	Daylights	Cylinders	Cylinder Bore (Approx.)	Power Pack Model	Pump Flow	Motor Rating	Motor Output	Oil Tank Capacity	Working Pressure
100 Ton	6' × 4'	6	2	180 mm	GGHPP-100-64	40 LPM	10 HP	7.5 kW	250 L	250 Bar
150 Ton	6' × 4'	8	2	200 mm	GGHPP-150-64	50 LPM	15 HP	11 kW	300 L	250 Bar
200 Ton	6' × 4'	10	4	200 mm	GGHPP-200-64	63 LPM	20 HP	15 kW	400 L	250 Bar
300 Ton	6' × 4'	12	4	220 mm	GGHPP-300-64	80 LPM	25 HP	18.5 kW	500 L	250 Bar
400 Ton	6' × 4'	15	6	250 mm	GGHPP-400-64	100 LPM	30 HP	22 kW	700 L	250–315 Bar
600 Ton	6' × 4'	20	8	280 mm	GGHPP-600-64	160 LPM	50 HP	37 kW	1000 L	315 Bar

Graviton Hydraulic Power Pack for Hot Press According to the Capacity (8' × 4')

Press Capacity	Machine Size	Daylights	Cylinders	Cylinder Bore (Approx.)	Power Pack Model	Pump Flow	Motor Rating	Motor Output	Oil Tank Capacity	Working Pressure
100 Ton	8' × 4' Size	6	2	200 mm	GGHPP-100-84	50 LPM	15 HP	11 kW	300 L	250 Bar
150 Ton	8' × 4' Size	8	2	220 mm	GGHPP-150-84	63 LPM	20 HP	15 kW	400 L	250 Bar
200 Ton	8' × 4' Size	10	4	220 mm	GGHPP-200-84	80 LPM	25 HP	18.5 kW	500 L	250 Bar
300 Ton	8' × 4' Size	12	4	250 mm	GGHPP-300-84	100 LPM	30 HP	22 kW	700 L	250 Bar
400 Ton	8' × 4' Size	15	6	280 mm	GGHPP-400-84	125 LPM	40 HP	30 kW	900 L	250–315 Bar
600 Ton	8' × 4' Size	20	8	320 mm	GGHPP-600-84	180 LPM	60 HP	45 kW	1200 L	315 Bar

Graviton Core Dryer Press Power Pack Specification

LCD Model	Machine Size	Daylights	Hydraulic Cylinders	Cylinder Bore (Approx.)	Power Pack Model	Pump Flow	Motor Rating	Motor Output	Oil Tank Capacity	Working Pressure
LCD-10	6' × 4'	10	2	100 mm	GGHPP-LCD10-64	25 LPM	7.5 HP	5.5 kW	200 L	180 Bar
LCD-15	6' × 4'	15	2	125 mm	GGHPP-LCD15-64	32 LPM	10 HP	7.5 kW	250 L	180 Bar
LCD-20	6' × 4'	20	4	125 mm	GGHPP-LCD20-64	40 LPM	15 HP	11 kW	300 L	200 Bar
LCD-25	6' × 4'	25	4	140 mm	GGHPP-LCD25-64	50 LPM	20 HP	15 kW	400 L	200 Bar

LCD Model	Machine Size	Daylights	Hydraulic Cylinders	Cylinder Bore (Approx.)	Power Pack Model	Pump Flow	Motor Rating	Motor Output	Oil Tank Capacity	Working Pressure
LCD-10	8' × 4'	10	2	125 mm	GGHPP-LCD10-84	32 LPM	10 HP	7.5 kW	250 L	180 Bar
LCD-15	8' × 4'	15	2	140 mm	GGHPP-LCD15-84	40 LPM	15 HP	11 kW	300 L	180 Bar
LCD-20	8' × 4'	20	4	140 mm	GGHPP-LCD20-84	50 LPM	20 HP	15 kW	400 L	200 Bar
LCD-25	8' × 4'	25	4	160 mm	GGHPP-LCD25-84	63 LPM	25 HP	18.5 kW	500 L	200 Bar

Glue Spreader



Double Side Glue Spreader

Model	Working Size	Roller Diameter	Production Capacity	Motor Power	Glue Application
GG-DGS-6	6 ft	12"	400–600 sheets/hour	5 HP	Both Side Coating
GG-DGS-8	8 ft	12"	600–900 sheets/hour	7.5 HP	Both Side Coating



Glue Mixer Machine – Technical Specification

Model	Batch Capacity	Tank Capacity	Motor Power	Mixing Speed	Mixing Time	Application
GG-GM-50	50 Kg/Batch	75 L	1.5 HP	40–60 RPM	10–15 min	Small Production
GG-GM-100	100 Kg/Batch	150 L	3 HP	40–60 RPM	10–15 min	Medium Production
GG-GM-200	200 Kg/Batch	300 L	5 HP	40–60 RPM	15–20 min	Industrial Production
GG-GM-500	500 Kg/Batch	750 L	10 HP	30–50 RPM	20–30 min	Heavy Production
GG-GM-1000	1000 Kg/Batch	1500 L	20 HP	30–50 RPM	25–40 min	Large Plywood Plants

Technical Specifications

Parameter	Specification
Tank Type	Horizontal Mixing Tank
Drive System	Gear Motor
Mixing Type	Paddle / Agitator Type
Material	MS / SS304 Optional
Voltage	415 V, 3 Phase, 50 Hz
Speed Control	Fixed / Variable Frequency Drive (Optional)
Control	Manual / PLC Optional

D.D. Saw Technical Specification

Standard Models

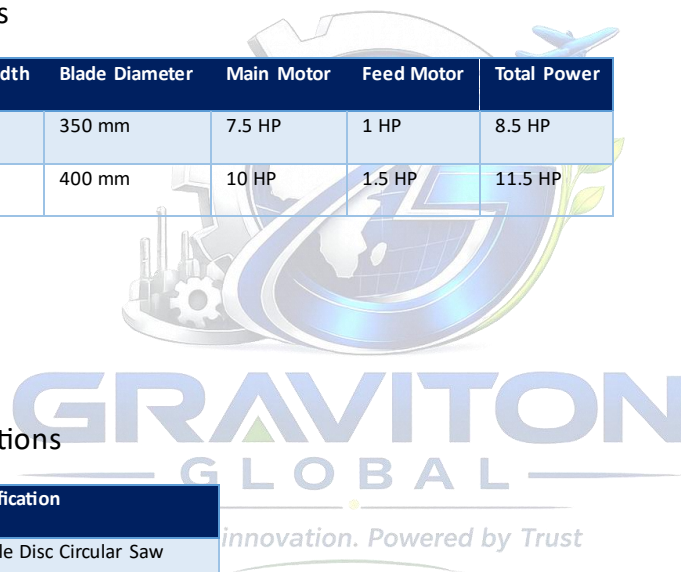
Model	Working Size	Cutting Capacity	Blade Diameter	Motor Power	Number of Blades	Feed Speed
GG-DDS-4	4 ft	Up to 4 ft panel cutting	300 mm	5 HP	2 Nos.	10–25 m/min
GG-DDS-6	6 ft	Up to 6 ft panel cutting	350 mm	7.5 HP	2 Nos.	10–30 m/min
GG-DDS-8	8 ft	Up to 8 ft panel cutting	400 mm	10 HP	2 Nos.	10–35 m/min

Heavy Duty Models

Model	Cutting Width	Blade Diameter	Main Motor	Feed Motor	Total Power
GG-DDS-610	6 ft	350 mm	7.5 HP	1 HP	8.5 HP
GG-DDS-810	8 ft	400 mm	10 HP	1.5 HP	11.5 HP

Technical Specifications

Parameter	Specification
Saw Type	Double Disc Circular Saw
Blade Quantity	2 Nos.
Blade Material	Carbide Tipped Saw Blade
Cutting Thickness	As per blade size
Drive System	Direct / Belt Drive
Feed System	Roller / Chain Conveyor
Voltage	415 V, 3 Phase, 50 Hz
Control	Manual / Automatic Optional

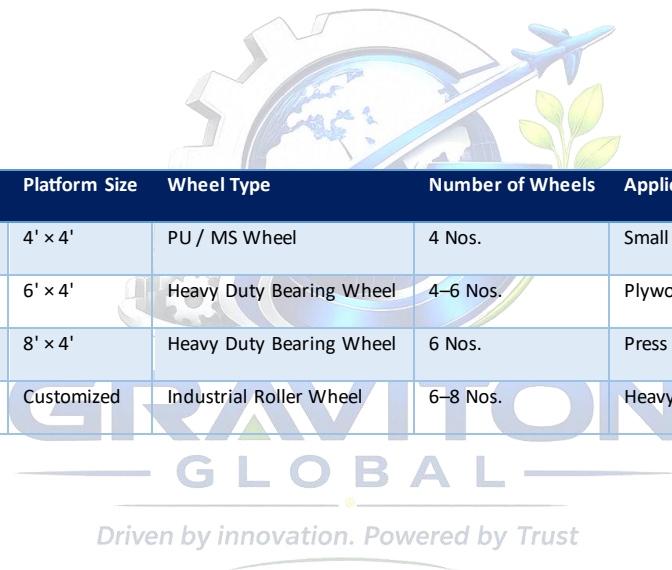


Scissor Lift Model

Scissor Lift Model	Load Capacity	Platform Size	Lifting Height	Hydraulic Cylinders	Power Pack Model	Pump Flow	Motor Rating	Motor Output	Oil Tank Capacity	Working Pressure
GG-SL-1000	1 Ton	4' × 4'	800 mm	1 No.	GGHPP-SL1T	16 LPM	3 HP	2.2 kW	80 L	160 Bar
GG-SL-1500	1.5 Ton	5' × 4'	1000 mm	1 No.	GGHPP-SL1.5T	20 LPM	5 HP	3.7 kW	120 L	180 Bar
GG-SL-2000	2 Ton	6' × 4'	1200 mm	2 Nos.	GGHPP-SL2T	32 LPM	7.5 HP	5.5 kW	200 L	180 Bar
GG-SL-3000	3 Ton	8' × 4'	1500 mm	2 Nos.	GGHPP-SL3T	40 LPM	10 HP	7.5 kW	250 L	200 Bar
GG-SL-5000	5 Ton	Customized	2000 mm+	2–4 Nos.	GGHPP-SL5T	63 LPM	15 HP	11 kW	400 L	220 Bar

Loading Trolley

Model	Load Capacity	Platform Size	Wheel Type	Number of Wheels	Application
GG-LT-1T	1 Ton	4' × 4'	PU / MS Wheel	4 Nos.	Small Material Handling
GG-LT-2T	2 Ton	6' × 4'	Heavy Duty Bearing Wheel	4–6 Nos.	Plywood Stack Movement
GG-LT-3T	3 Ton	8' × 4'	Heavy Duty Bearing Wheel	6 Nos.	Press Loading Application
GG-LT-5T	5 Ton	Customized	Industrial Roller Wheel	6–8 Nos.	Heavy Production Handling



Conveyor System Technical Specification

Standard Models

Model	Conveyor Type	Working Width	Length	Load Capacity	Motor Power	Speed Control
GG-CON-4	Roller Conveyor	4 ft	Customized	500 Kg/meter	1.5 HP	Fixed / VFD Optional
GG-CON-6	Roller Conveyor	6 ft	Customized	750 Kg/meter	2 HP	Fixed / VFD Optional
GG-CON-8	Roller Conveyor	8 ft	Customized	1000 Kg/meter	3 HP	Fixed / VFD Optional



Heavy Duty Conveyor Models

Model	Conveyor Type	Width	Load Capacity	Motor Power	Application
GG-RC-6	Roller Conveyor	6 ft	1 Ton	3 HP	Plywood Movement
GG-RC-8	Roller Conveyor	8 ft	1.5 Ton	5 HP	Heavy Panel Handling
GG-BC-8	Belt Conveyor	8 ft	500–1000 Kg	3–7.5 HP	Continuous Transfer

Parameter	Specification
Conveyor Width	4 ft – 8 ft
Length	Customized
Load Capacity	500 Kg – 2 Ton+
Motor Range	1.5 HP – 7.5 HP
Drive System	Gear Motor
Power Supply	415 V, 3 Phase, 50 Hz
Control	Manual / Automatic / PLC Optional

Wood Chipper Technical Specification

Standard Models

Model	Inlet Size	Production Capacity	Rotor Diameter	Number of Blades	Motor Power
GG-WC-10	100 × 100 mm	500–800 Kg/hr	400 mm	4 Nos.	10 HP
GG-WC-20	150 × 150 mm	1–1.5 Ton/hr	500 mm	6 Nos.	20 HP
GG-WC-30	200 × 200 mm	2–3 Ton/hr	600 mm	8 Nos.	30 HP
GG-WC-50	250 × 250 mm	4–5 Ton/hr	700 mm	10 Nos.	50 HP

Heavy Duty Industrial Models

Model	Application	Capacity	Motor Rating	Drive System
GG-PC-20	Veneer & Wood Waste	1–1.5 TPH	20 HP	Belt Drive
GG-PC-30	Plywood Plant Waste	2–3 TPH	30 HP	Heavy Duty Belt Drive
GG-PC-50	Large Industrial Plants	4–5 TPH	50 HP	Direct / Belt Drive

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Parameter	Specification
Machine Type	Wood Chipper
Raw Material	Wood Waste, Logs, Veneer Scrap
Capacity Range	500 Kg/hr – 5 Ton/hr
Motor Range	10 HP – 50 HP
Blade Type	Replaceable Cutting Blades
Drive	Belt / Direct Drive
Power Supply	415 V, 3 Phase, 50 Hz

Hydraulic Cold Press Machine

Model	Press Capacity	Hydraulic Cylinder	Working Pressure	Power Pack Model	Motor Power	Pump Flow	Oil Tank Capacity	Hydraulic System
GG-CP-50	50 Ton	1 No.	160 Bar	GGHPP-50-CP	3 HP	12–16 LPM	60–80 L	Hydraulic Gear Pump
GG-CP-100	100 Ton	1–2 Nos.	180 Bar	GGHPP-100-CP	5 HP	20–25 LPM	100–150 L	Hydraulic Gear Pump
GG-CP-200	200 Ton	2 Nos.	200 Bar	GGHPP-200-CP	7.5 HP	32–40 LPM	200–250 L	Heavy Duty Gear Pump
GG-CP-300	300 Ton	2–4 Nos.	250 Bar	GGHPP-300-CP	10 HP	50–63 LPM	300–400 L	High Pressure Hydraulic System
GG-CP-500	500 Ton	4 Nos.	250 Bar	GGHPP-500-CP	15–20 HP	80–100 LPM	500–700 L	Heavy Duty Hydraulic System



Press Capacity	No. of Cylinders	Cylinder Bore (Approx.)	Cylinder Stroke	Working Pressure	Power Pack Motor	Pump Flow	Oil Tank Capacity
50 Ton	1 No.	150 mm	500 mm	160 Bar	3 HP	12–16 LPM	80 L
100 Ton	1 No.	200 mm	600 mm	180 Bar	5 HP	20–25 LPM	120 L
200 Ton	2 Nos.	180–200 mm	700 mm	200 Bar	10 HP	40–50 LPM	250 L
300 Ton	2 Nos.	220 mm	800 mm	250 Bar	15 HP	60–80 LPM	400 L
400 Ton	4 Nos.	200–220 mm	800–1000 mm	250 Bar	20–25 HP	100 LPM	600 L
500 Ton	4 Nos.	250 mm	1000 mm	250–315 Bar	30–40 HP	125–160 LPM	800–1000 L

Parameter	Specification
Power Supply	415 V, 3 Phase, 50 Hz
Motor Type	TEFC Industrial Motor
Control	Manual / Semi-Automatic / PLC Optional
Protection	Overload & Short Circuit Protection

Press Capacity	Cylinder Arrangement	Working Pressure	Power Pack	No. of Motor-Pump Units	Motor / Unit	Motor RPM	Total Motor Power	Approx. Pump Flow	Oil Tank
50 Ton	1 Cylinder	160–180 Bar	Single	1	3 HP	1440 RPM	3 HP	12–16 LPM	60–80 L
100 Ton	1–2 Cylinders	180–200 Bar	Single	1	5 HP	1440 RPM	5 HP	20–25 LPM	100–150 L
150 Ton	2 Cylinders	200 Bar	Single	1	7.5 HP	1440 RPM	7.5 HP	25–32 LPM	150–200 L
200 Ton	2 Cylinders	200–250 Bar	Dual	2	7.5 HP	1440 RPM	15 HP	40–50 LPM	200–300 L
300 Ton	2–4 Cylinders	250 Bar	Dual	2	10 HP	1440 RPM	20 HP	50–70 LPM	300–400 L
400 Ton	4 Cylinders	250–315 Bar	Dual	2	15 HP	1440 RPM	30 HP	80–100 LPM	500–700 L
500 Ton	4 Cylinders	250–315 Bar	Dual	2	20 HP	1440 RPM	40 HP	100–125 LPM	700–900 L
600 Ton	6–8 Cylinders	250–315 Bar	Triple	3	20 HP	1440 RPM	60 HP	150–180 LPM	900–1200 L