



**HYDRAULIC PRESSING
SYSTEMS FOR**

DECORATIVE LAMINATES

INDUSTRIAL LAMINATES

PRELAM ON PARTICLE BOARD

PRELAM ON MDF

PLYWOOD - BLOCK BOARD

ENGINEERED PLYWOOD

PARTICLE BOARD - MDF

PRE - PRESSES

BAMBOO MAT PLY

BAMBOO ROOF SHEET

ENDLESS RUBBER BLANKET

SPECIAL PURPOSE PRESSES



Ambica
The Press Engineers

ENGINEERED PRESSING SOLUTIONS



Company Profile

Ambica is a dynamic company that was founded in 1982 and has since become one of the market leaders in the field of hydraulic presses. The company designs & manufactures specialized equipment for wood working industries. Its emphasis on technological versatility & production skill has earned the confidence and continuing support of its customers. The company's technical &

commercial service is at your disposal to suggest the most suitable solution for every specific requirement.

The complete range of its machines, designed with cad system & with a considerable level of standardization, is quite versatile & can cope with every kind of production problem. Complete in-house design capability, plus the latest machine shop & fabrication facilities has kept the company in the forefront. Ambica is the company to call on when outstanding product equipment is required to meet the most exacting output standards. Ambica has dedicated personnel, along with the technical knowledge & expertise to produce quality products that meet the criteria of every customer. Strict quality control throughout all phases of manufacturing ensures that the company delivers precision equipment. Ambica markets its press systems worldwide & offers consulting & set up services.



The Ambica Stamp of Quality

At Ambica, quality is way of life.

Right from design development through production to delivery and after-sales service.

With us you are assured of guaranteed product, made from superior - quality raw material, put together by the best in man and machine.



The Company Production Includes :

Plywood Presses
Decorative Laminate Presses
Industrial Laminate Presses
Densified Plywood Presses
Short Cycle Lamination Lines
Particle Board / MDF Presses

Pre-Presses
Cold Presses
Bamboo Mat Ply Presses
Roof Sheet Presses
Conveyor Belt Presses
Endless Rubber Blanket Presses

Leather Ironing Presses
Compression Moulding Presses
Precured Tread Rubber Presses
Welding Rod Extrusion Presses
Leather Embossing Presses
Special Purpose Presses

Hydraulic Presses For High Pressure Laminated Sheets



Special Features

- Window frame construction
- Multi daylight openings
- Uniform heat and pressure distribution
- Hydraulic / electrical components of international standards
- PB / PLC based controls

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
1220 x 2440	3000	1350 x 2600	97 KG/CM ²
1295 x 2820	3700	1425 x 2950	98 KG/CM ²
1555 x 3080	5000	1650 x 3200	104 KG/CM ²

We undertake turnkey projects to manufacture high pressure laminate. We also manufacture allied machines like impregnating dryers, loading & unloading systems etc...

HPL Line



Hydraulic Presses For Plywood



Special Features

- Window frame / fabricated structure from tested steel
- Precisely welded and machined for minimum deflection
- Close frame for maximum Rigidity in all directions
- Equal thermal condition in all daylights
- Cylinders sealed with fluid seals
- Manual, semi automatic & automatic controls through PB / PLC

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
2440 x 1220	480	2590 x 1350	15 KG/CM ²
2440 x 1220	640	2590 x 1350	20 KG/CM ²
2440 x 1220	800	2590 x 1350	25 KG/CM ²

We undertake turnkey projects to manufacture plywood. We also manufacture & supply allied machinery like veneer dryers, loading - unloading systems, pre presses, peeling machines etc...

Hydraulic Pre-Press For Plywood

Special Features

- Down stroke press with inbuilt chain conveyor system for easy loading and unloading

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
2490 x 1270	500	2650 x 1350	15.8 KG/CM ²



Short Cycle Lamination Lines



Special Features

- Designed for repeated cycles
- Rigid construction
- Ease of operation
- Line shall be supplied with necessary safety features
- All hydraulic and electrical components of International standards
- PB / PLC based controls

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE	MECHANICAL CYCLE TIME
1830 x 2745	1600	1950 x 2950	32 KG/CM ²	45 SEC
1220 x 2440	900	1350 x 2600	30 KG/CM ²	45 SEC

We undertake turnkey projects to manufacture Prelam on Particle board / MDF.

We also supply allied machines like Impregnating Plants etc...



Endless Blanket Presses



Special Features

- Pillar type press
- Collapsible columns
- Stress relieved parts for longer life

CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
600	3300 x 1250	16 KG/CM ²
450	2250 x 1250	17 KG/CM ²

Tailor made presses available with platen size as per customers requirement.

Precured Tread Rubber Presses

Special Features

- 'C' type fabricated structure made out of tested steel
- Precisely welded and machined for minimum deflection
- Equal thermal condition in all platens
- Pneumatic attachment available for push & pull out of die

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
3560 x 255	350	3660 x 305	39 KG/CM ²



Hydraulic Presses For Particle Board & MDF



Special Features

- Window frame construction
- Uniform pressure development and distribution
- Higher heat retaining capacity
- Hydraulic / electrical components of international standards

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
2515 x 1325	1000	2600 x 1450	30 KG / Cm ²
3125 x 1600	1500	3300 x 1750	30 KG / Cm ²
3760 x 1960	2250	3880 x 2080	31 KG / Cm ²

We undertake turnkey projects to manufacture particle board, we also manufacture the complete 'merry go round' system for loading/unloading & handling of cauls

Hydraulic Pre-Press For Particle Board

Special Features

- Down stroke pre - press to reduce height of particle board assembly before final pressing

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
1325 x 2515	500	1500 x 2600	15 KG/CM ²



Hydraulic Presses For Bamboo Mat Ply & Roof Sheet.



Special Features

- Window frame / fabricated structure from tested steel
- Close frame for maximum rigidity in all directions
- Equal thermal condition in all daylight
- Cylinders sealed with fluid seals
- Manual, semi automatic & automatic controls through PB / PLC

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
2440 x 1220	1200	2600 x 1450	37 KG/CM ²
2540 x 1320	1500	2600x 1450	45 KG/CM ²
2540 x 1320	3000	2600x 1450	89 KG/CM ²



Hydraulic Presses For Engineered Plywood

PRODUCT (MM)	CAPACITY (TONS)	PLATEN (MM)	SPECIFIC PRESSURE
1220 x 2440	1600	1450 x 2650	51 KG/CM ²
1220 x 2440	2250	1450 x 2650	71 KG/CM ²



PAPER IMPREGNATION PLANT FOR DESIGN, TISSUE AND CRAFT PAPER



OUR VERSATILE PRODUCT RANGE



Cold Presses



Special Purpose Presses



Presses For Furniture Industry



Compression Moulding Presses



Custom Built Circuit Platens & Cylinders



Contract Manufacturing



Lab Presses



Hydraulic Power Packs



Scissor Lifts



AMBICA HYDRAULICS PVT. LTD.

502, Shefali Centre, Paldi, Ahmedabad-380006. INDIA.

Ph.: +91-79-26579399, 26579899. Fax: +91-79-26578357

Email: ambicapress@icenet.net | info@ambicapress.com

Website: www.ambicapress.com

Works:

3129, G.I.D.C. Phase III, Chhatral-382729.

Dist. Gandhinagar, Gujarat. INDIA.

Telefax: +91-2764 - 233428 / 233429 / 233430

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