



Since 1975

General catalogue for wood

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BRIQUETTING PRESS DINAMIC 50N



■ This brand new machine is the smallest of our production with our best usual quality in order to satisfy the requests of the small carpentries. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level and thermostat for the oil temperature control) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with new last generation EATON PLC for an electronic control of the production process, a timed stop programme with open vise for an easy morning starting avoiding over pressure or pressure strokes during cold weather;
- electric motor IE2 (high efficiency) connected to the hydraulic pump to have pressure in the circuit;
- new electrovalves to run the hydraulic cycle;
- box cylinder pre-compresses compresses the material inside the compression chamber through the loading plane;
- briquettes' cylinder compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock (new model Ø50mm) connected to the extrusion pipe. It restrains the material sliding inside the pipe.

BRIQUETTING PRESS DINAMIC 70N



■ This is the briquetting press apt to be installed in small carpentries. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level and thermostat for the oil temperature control) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with an automatic timed cool-starter device. It lets the machine run also in very cold temperatures and with soft and progressive starting avoiding hard strokes and overpressures. It decreases the pressure on the vise during the first cycles;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- hydraulic valve block without limit switches and electrovalves improving the production rates;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- briquettes' cylinder compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material sliding inside the pipe. An apt gauge controls its working pressure.

BRIQUETTING PRESS DINAMIC 85N



■ This is the briquetting press apt to be installed in small-medium sized carpentries. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level and thermostat for the oil temperature control) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with an automatic timed cool-starter device. It lets the machine run also in very cold temperatures and with soft and progressive starting avoiding hard strokes and overpressures. It decreases the pressure on the vise during the first cycles;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- hydraulic valve block without limit switches and electrovalves improving the production rates;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- briquettes' cylinder compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material moving inside the pipe. An apt gauge controls its working pressure.

BRIQUETTING PRESS DINAMIC 110N



■ This is the briquetting press apt to be installed in medium-big sized carpentries. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level and thermostat for the oil temperature control) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with an automatic timed cool-starter device. It lets the machine run also in very cold temperatures and with soft and progressive starting avoiding hard strokes and overpressures. It decreases the pressure on the vise during the first cycles and a digital thermofeeler for an electronic control of the oil;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- power device complete with double pump and pressure increasing device apt to compress all kinds of powders, hardwoods and works at cold temperature;
- hydraulic valve block without limit switches and electrovalves improving the production rates;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- briquettes' cylinder compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material moving inside the pipe. An apt gauge controls its working pressure;
- closed circuit air/oil exchanger to cool down the oil in the tank, eliminating the problem of the continuous water consumption and the possible limestone production. It improves overall performances by optimizing the cooling of the machine and allowing tangible savings in the maintenance.



BACK SIGHT
New air/oil exchanger
(standard)

BRIQUETTING PRESS DINAMIC 140N



■ This is the press apt to be installed in big carpentries.
Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content.
This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level and thermostat for the oil temperature control) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with PLC for an electronic control of the production process, with a switch named "double stroke" to optimize the feeding system of soft woods in the box, an electronic stop programme with open vise for an easy morning starting and a digital thermofeeler for an electronic control of the oil;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- high quality and reliability electrovalves mounted directly at the rear of the press cylinder for a complete control of the hydraulic cycle;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- double stage briquettes' cylinder to optimize the production rate. It compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material moving inside the pipe. An apt gauge controls its working pressure;
- closed circuit air/oil exchanger to cool down the oil in the tank, eliminating the problem of the continuous water consumption and the possible limestone production. It improves overall performances by optimizing the cooling of the machine and allowing tangible savings in the maintenance.



BACK SIGHT
New air/oil exchanger
(standard)

BRIQUETTING PRESS DINAMIC 250N



■ This is the briquetting press with excellent performances for industrial applications and production of higher quality briquettes. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom to ensure the loading of the material in the box by means of a mechanical device;
- IP55 electrical control board complete with PLC for an electronic control of the production process, an electronic stop programme with open vise for an easy morning starting and a digital thermofeeler for an electronic control of the oil;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- high quality and reliability electrovalves complete with amplified connectors and security valve mounted directly at the rear of the press cylinder for a complete control of the hydraulic cycle;
- electromagnetic proximity switches to reduce the exchanging time of the electrovalves;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- double stage briquettes' cylinder to optimize the production rate. It compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material moving inside the pipe. An apt gauge controls its working pressure;
- powerful closed circuit air/oil exchanger to cool down the oil in the tank, eliminating the problem of the continuous water consumption and the possible limestone production. It improves overall performances by optimizing the cooling of the machine and allowing tangible savings in the maintenance;
- closed circuit refrigerator to cool down the extrusion pipe and regulate the working cycle of the vise.



BACK SIGHT
New air/oil exchanger
(standard)

BRIQUETTING PRESS DINAMIC 350S



■ This is the briquetting press with excellent performances for industrial applications and production of higher quality briquettes. Hydraulic briquetting press to press chips, grinded chips (max.10mm screen), sawdust and powder with min.-max. 8-17% moisture content. This can be mounted under silos or inside or outside filtering units.

TECHNICAL CHARACTERISTICS:

- basement as oil tank (complete with oil level) composed of a rectangular sturdy steel welded and powder coated frame;
- loading plane composed by a hopper for the material and a steel wheel mounted on its bottom. This wheel is rotating through a gearmotor and ensures the loading of the material in the movable box by means of a mechanical device;
- IP55 electrical control board complete with PLC for an electronic control of the production process, an electronic stop programme with open vise for an easy morning starting and a digital thermofeeler for an electronic control of the oil;
- electric motor connected to the hydraulic pump to have pressure in the circuit;
- high quality and reliability electrovalves complete with amplified connectors and security valve security valve mounted directly at the rear of the press cylinder for a complete control of the hydraulic cycle;
- electromagnetic proximity switches to reduce the exchanging time of the electrovalves;
- box cylinder pre-compresses the material inside the compression chamber through the loading plane;
- double stage briquettes' cylinder to optimize the production rate. It compresses the material in the sleeve-extrusion pipe group;
- hydraulic vise in a strong and reliable steel monoblock without tie-rods connected to the extrusion pipe. It restrains the material moving inside the pipe. An apt gauge controls its working pressure;
- powerful closed circuit air/oil exchanger to cool down the oil in the tank, eliminating the problem of the continuous water consumption and the possible limestone production. It improves overall performances by optimizing the cooling of the machine and allowing tangible savings in the maintenance;
- closed circuit refrigerator to cool down the extrusion pipe and regulate the working cycle of the vise.



BACK SIGHT
New air/oil exchanger
(standard)

TECHNICAL DATA

BRIQUETTING PRESS DINAMIC 50N

Production	Kg/H	15÷50	*
Briquette	Ø mm	50	
Motor power	Kw/Hp	4/5	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	100	
Press power rate	Kg/cm ²	ca.600	
Box cylinder	Ø mm	40	
Round chips' container (internal dimension)	Ø mm	1000	
Dimensions of the machine	W mm	1060	
.....	H mm	1385	
.....	L mm	1560	
Weight	kg	540	

BRIQUETTING PRESS DINAMIC 70N

Production	Kg/H	30÷60	*
Briquette	Ø mm	55	
Motor power	Kw/Hp	5/7,5	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	120	
Press power rate	Kg/cm ²	ca.700	
Box cylinder	Ø mm	40	
Round chips' container (internal dimension)	Ø mm	1000	
Dimensions of the machine	W mm	1100	
.....	H mm	1460	
.....	L mm	1590	
Weight	kg	830	

BRIQUETTING PRESS DINAMIC 85N

Production	Kg/H	40÷85	*
Briquette	Ø mm	60	
Motor power	Kw/Hp	5,5/7,5	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	140	
Press power rate	Kg/cm ²	ca.800	
Box cylinder	Ø mm	50	
Round chips' container (internal dimension)	Ø mm	1000	
Dimensions of the machine	W mm	1140	
.....	H mm	1465	
.....	L mm	1645	
Weight	kg	850	

BRIQUETTING PRESS DINAMIC 110N

Production	Kg/H	50÷110	*
Briquette	Ø mm	65	
Motor power	Kw/Hp	7,5/10	
Max. installed motor power	Kw/Hp	8/10,7	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	160	
Press power rate	Kg/cm ²	ca. 900	
Box cylinder	Ø mm	50	
Round chips' container (internal dimension)	Ø mm	1000	
Dimensions of the machine	W mm	1200	
.....	H mm	1465	
.....	L mm	1710	
Weight	kg	960	

BRIQUETTING PRESS DINAMIC 140N

Production	Kg/H	70÷140	*
Briquette	Ø mm	70	
Motor power	Kw/Hp	9,3/12,5	
Max. installed motor power	Kw/Hp	9,73/13	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	180	
Press power rate	Kg/cm ²	ca.1000	
Box cylinder	Ø mm	60	
Round chips' container (internal dimension)	Ø mm	1000	
Dimensions of the machine	W mm	1200	
	H mm	1480	
	L mm	1785	
Weight	kg	1180	

BRIQUETTING PRESS DINAMIC 250N

Production	Kg/H	100÷250	*
Briquette	Ø mm	75	
Motor power	Kw/Hp	11/15	
Max. installed motor power	Kw/Hp	13,83/18,4	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	200	
Press power rate	Kg/cm ²	ca.1100	
Box cylinder	Ø mm	70	
Round chips' container (internal dimension)	Ø mm	1200	
Dimensions of the machine	W mm	1350	
	H mm	1530	
	L mm	2250	
Weight	kg	1600	

REFRIGERATOR

Dimensions	W mm	562
	H mm	1030
	L mm	595
Weight	kg	100

BRIQUETTING PRESS DINAMIC 350S

Production	Kg/H	120÷350	*
Briquette	Ø mm	75	
Motor power	Kw/Hp	15/20	
Max. installed motor power	Kw/Hp	19,5/27	
Voltage	Volt/Hz	400/50	
Briquette's cylinder	Ø mm	200	
Press power rate	Kg/cm ²	ca.1200	
Box cylinder	Ø mm	70	
Round chips' container (internal dimension)	Ø mm	1200	
Dimensions of the machine	W mm	1350	
	H mm	1530	
	L mm	2250	
Weight	kg	1800	

REFRIGERATOR

Dimensions	W mm	562
	H mm	1030
	L mm	595
Weight	kg	100

ACCESSORIES ON DEMAND FOR BRIQUETTING PRESS

LEVEL FEELER
 INSPECTION DOOR
 SPECIAL STAR FOR LONG BRIQUETTES (Mythos excluded)
 BRIQUETTES' CUTTER (Mythos excluded, L mm 1000)
 HYDRAULIC POWER DEVICE (for Dinamic 85N – standard for 110N)
 HYDRAULIC POWER DEVICE KIT (for Dinamic 85N – to be mounted after sale)
 ANTIFREEZING SYSTEM
 ADDITIONAL CHIPS' CONTAINER Ø 1000/1200 H mm 930 (according to the model)
 SPECIAL VOLTAGES