

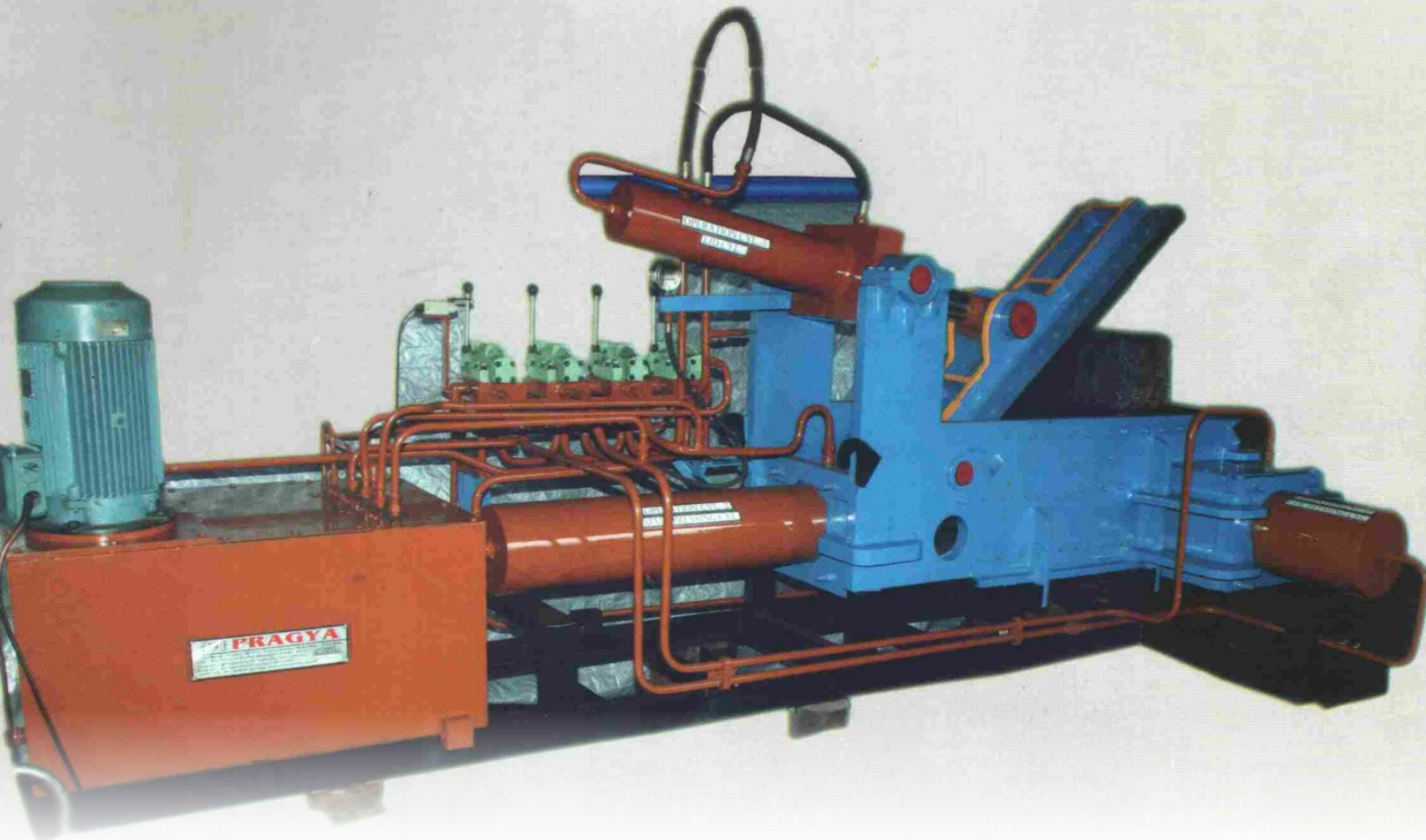


PRAGYA PRECISION EQUIPMENT PVT. LTD.

(A UNIT OF : PRAGYA GROUP) · INDORE, INDIA

ISO 9001:2015

Certificate No. Q-205023092808



SPECIAL PURPOSE MACHINES

Hydraulic Scrap Baling Presses

Single, double and triple compression horizontal presses and vertical presses — bales from 10 to 500 kg, hand lever, push button or PLC controlled.



INTRODUCTION

PRAGYA make hydraulic scrap baling presses have a reputation of excellence for quality, workmanship and reliability built up over more than thirty years. Our presses are designed for a very long operational life. Complete care is taken towards their production ability, and our press is surely the most productive press.

DETAILS

PRAGYA's hydraulic scrap baling presses are available in single compression, double compression (with ejector cylinder & manual door), triple compression and vertical scrap baling press, which are suitable for processing all types of ferrous and non-ferrous scrap like stainless steel, M.S. scrap, aluminium, brass, copper and other industrial tin sheets. These presses are capable of compressing various leftover, metal structural, waste cloth, HDPE / PP woven sack bags, industrial & agricultural waste, animal feed block (husk / straw), sugar cane, flower, film cutting etc.

The "baling press bale" produced by our presses has a very high specific density and hence you can feed more material by weight into the furnace. Besides the optimization in feeding the furnace, bales are also convenient to store and reduce the transportation cost, labour cost, time etc.

SALIENT FEATURES :

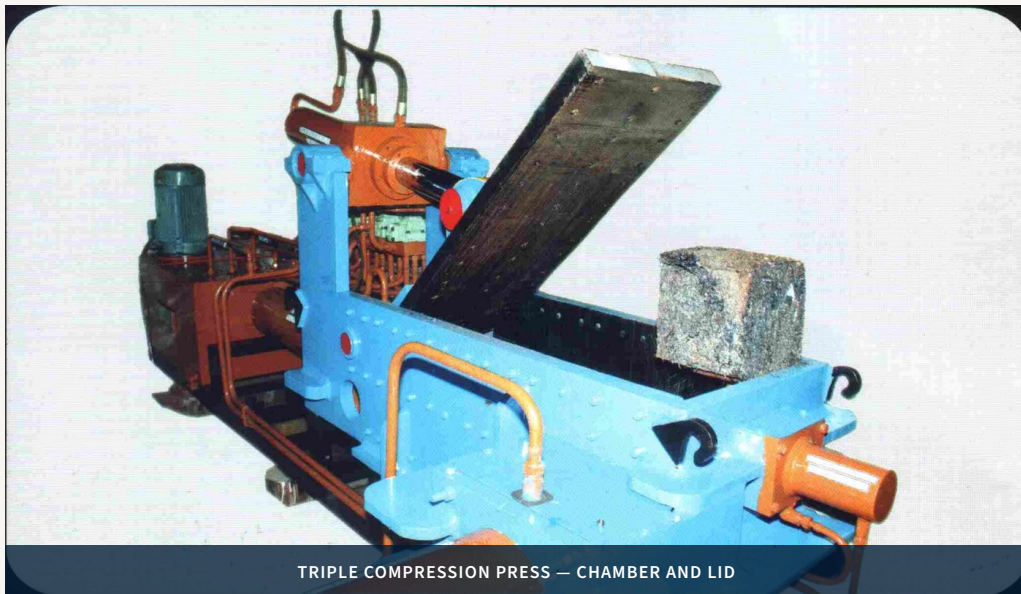
- The production capacity ranges from 1 ton per hour and more if desired.
- The operation of the press is done by hand lever operated, semi automatic & fully automatic PLC. "Programmable Logic Control" (PLC) provided in our baling presses are of international standard make for offering maximum production flexibility & full compatibility.
- The weight of bale ranges 10 Kgs. - 500 Kgs. and more if desired.
- The major components used in machine are of international reputed make and are easily available in India & abroad.
- Shearing blades and replaceable wear-resistance plate can be provided for the long life of the feeding chamber.
- High speed & fully automatic operation.
- Bale chamber can be designed and modified according to required bale weight, size & density.
- Full bale ejection from the chamber.
- All machines are rigorously tested prior to the delivery.



SCRAP BALING PRESSES (TRIPLE COMPRESSION)



TRIPLE COMPRESSION PRESS WITH A FINISHED BALE



TRIPLE COMPRESSION PRESS — CHAMBER AND LID



PRESS UNDER ASSEMBLY ON THE WORKS FLOOR



BALING PRESS WITH ITS HYDRAULIC POWER PACK



TECHNICAL SPECIFICATION OF TRIPLE COMPRESSION BALING PRESS

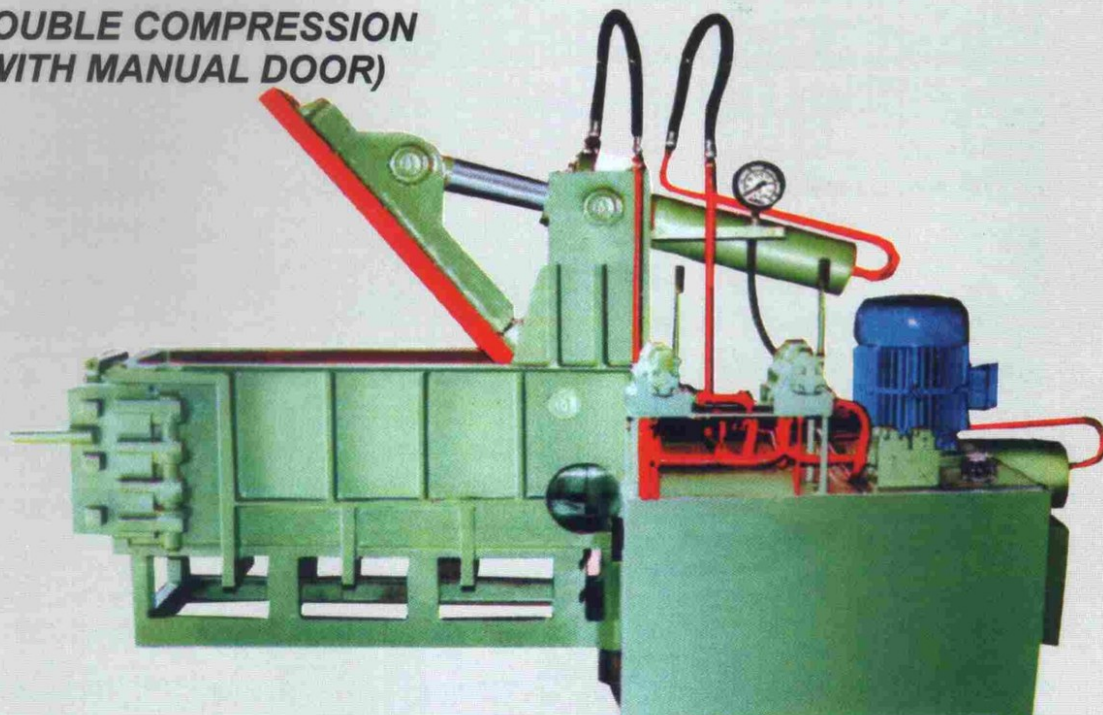
MODEL NO.	PETCP-300	PETCP-310	PETCP-315	PETCP-320	PETCP-330	PETCP-340	PETCP-350	PETCP-360	PETCP-370
BALING CHAMBER SIZE (H x W x L)	20"x20" x 50"	24"x24" x 50"	24"x28" x 55"	24"x30" x 60"	30"x36" x 60"	30"x40" x 60"	30"x40"x72"	36"x40"x84"	40"x40"x84"
BALE SIZE H x W x L (inches)	10"x10" x 8-10"	14"x14"	15"x15"	16"x16"	16"x16"	18"x18"	18"x18"	22"x22"	24"x24"
WEIGHT OF THE BALE (Approx. in Kgs.)	35-45	40-55	60-75	70-90	110-130	130-145	150-190	250-290	300-350
ELECTRIC MOTOR	20 H.P.	20 H.P.	25 H.P.	30 H.P.	30 H.P.	40 H.P.	40 H.P.	60 H.P.	100 H.P.
FORCE ON LID CYLINDER (Tons)	40	40	40	50	50	75	75	100	120
FORCE ON MAIN CYLINDER (Tons)	75	75	75	80	80	100	100	125	150
FORCE ON SIDE CYLINDER (Tons)	100	100	100	120	120	150	150	200	250
FORCE ON EJECTOR CYLINDER (Tons)	12	12	12	12	12	12	15 2 No.'s	15 2 No.'s	20 2 No.'s
PRESSING TIME (Seconds)	70-80	70-90	70-90	70-90	90-110	90-110	90-110	100-120	100-120
OIL TANK CAPACITY (Ltrs.)	400	400	500	600	650	650	700	1500	1800
WEIGHT OF THE MACHINE Approx (MT)	4.0 - 4.5	5.0 - 5.5	5.5 - 6.0	6.0 - 7.0	7.5 - 8.0	9.0 - 10.0	11.0 - 12.0	17.5 - 18.0	25.0
OIL DRIVE PUMP	GEAR CUM RADIAL PISTON PUMP								
WORKING LIQUID	HYDROL / ENCLO - 68								
BODY	FABRICATED								
OPERATION	HAND LEVER OPERATED / PUSH BUTTON OPERATED / PLC CONTROL								
HARD LINER PLATES	OPTIONAL	OPTIONAL	OPTIONAL	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED	PROVIDED
SHEARING BLADE	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
MOTOR STARTER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
HOPPER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

- Chamber bale size may be increased / decreased as per customer requirement.
- We reserve the right to alter the specification and dimensions without prior notice.



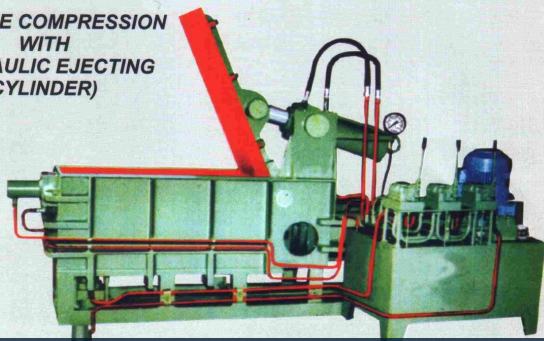
SCRAP BALING PRESSES (DOUBLE COMPRESSION)

(DOUBLE COMPRESSION
WITH MANUAL DOOR)



DOUBLE COMPRESSION WITH MANUAL DOOR

(DOUBLE COMPRESSION
WITH
HYDRAULIC EJECTING
CYLINDER)



DOUBLE COMPRESSION WITH HYDRAULIC EJECTING CYLINDER



FINISHED PRESS BEFORE DESPATCH



TECHNICAL SPECIFICATION OF DOUBLE COMPRESSION BALING PRESS

MODEL NO.	PEDCBP-200	PEDCBP-210	PEDCBP-220	PEDCBP-230	PEDCBP-240
BALING CHAMBER SIZE (H x W x L)	15"x15"x40"	20"x18"x45"	20"x20"x45"	24"x24"x50"	30"x24"x60"
BALE SIZE H x W x L (inches)	15"x8"x4-6"	18"x10"x5-7"	20"x12"x5-8"	24"x14"x8-10"	24"x15"x8-10"
WEIGHT OF THE BALE (Approx. in Kgs.)	15-25	30-40	40-50	40-55	65-80
ELECTRIC MOTOR	10 - HP	15 - HP	15 - HP	15 - HP	25 - HP
FORCE ON LID CYLINDER (Tons)	25	40	40	40	50
FORCE ON MAIN CYLINDER (Tons)	40	75	75	75	100
FORCE ON EJECTOR CYLINDER (Tons)	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
PRESSING TIME (Seconds)	60-70	60-70	60-70	60-70	80-90
OIL TANK CAPACITY (Ltrs.)	150	250	400	400	450
WEIGHT OF THE MACHINE Approx (MT)	2 - 2.5	3 - 3.5	3.5 - 4	4 - 4.5	5.5 - 6
OIL DRIVE PUMP	GEAR CUM PISTON PUMP				
WORKING LIQUID	HYDROL / ENCLO - 68				
BODY	FABRICATED				
OPERATION	HAND LEVER OPERATED / PUSH BUTTON OPERATED / PLC CONTROL				
HARD LINER PLATES	OPTIONAL				
WORKING PRESSURE	3000 PSI				

- Operation : PLC / Control Panel operated.
- Feeding hydraulic hopper may also be provided.
- Chamber bale size may be increased / decreased as per customer requirement.
- Bale ejector, front side bale ejector by gate opening cylinder may be provided for ejecting the bale.
- We reserve the right to alter the specification and dimensions without prior notice.
- Shearing blades / motor starter / control panel may also be provided.



VERTICAL SCRAP BALING PRESS

Vertical presses bale waste paper, cloth, cotton, industrial and agricultural waste, sugar cane, flowers and film cutting. Chamber sizes from 600 mm to 1500 mm long, bales from 55 to 250 kg.

MODEL NO.	PEVBP-100	PEVBP-110	PEVBP-120	PEVBP-130
BALING CHAMBER SIZE (H x W x L)	1500 mm x 600 mm x 600 mm	1500 mm x 600 mm x 750 mm	1000 mm x 750 mm x 1200 mm	1200 mm x 750 mm x 1500 mm
BALE SIZE	600 mm x 600 mm	600 mm x 750 mm	750 mm x 1200 mm	750 mm x 1500 mm
WEIGHT OF THE BALE (Approx. in Kgs.)	55 - 70	60 - 80	165 - 225	175 - 250
ELECTRIC MOTOR	7.5 H.P.	7.5 H.P.	15 H.P.	15 H.P.
IDEAL CYCLE TIME MACHINE Approx (Tons)	60	60	60	60
WEIGHT OF THE MACHINE Approx (MT)	2.5	3	5	5.5
OIL DRIVE PUMP	GEAR CUM PISTON PUMP			
WORKING LIQUID	HYDROL / ENCLO - 68			
BODY	FABRICATED			



BALE IN THE CHAMBER



SINGLE-CYLINDER PRESS



TWIN HINGED DOORS



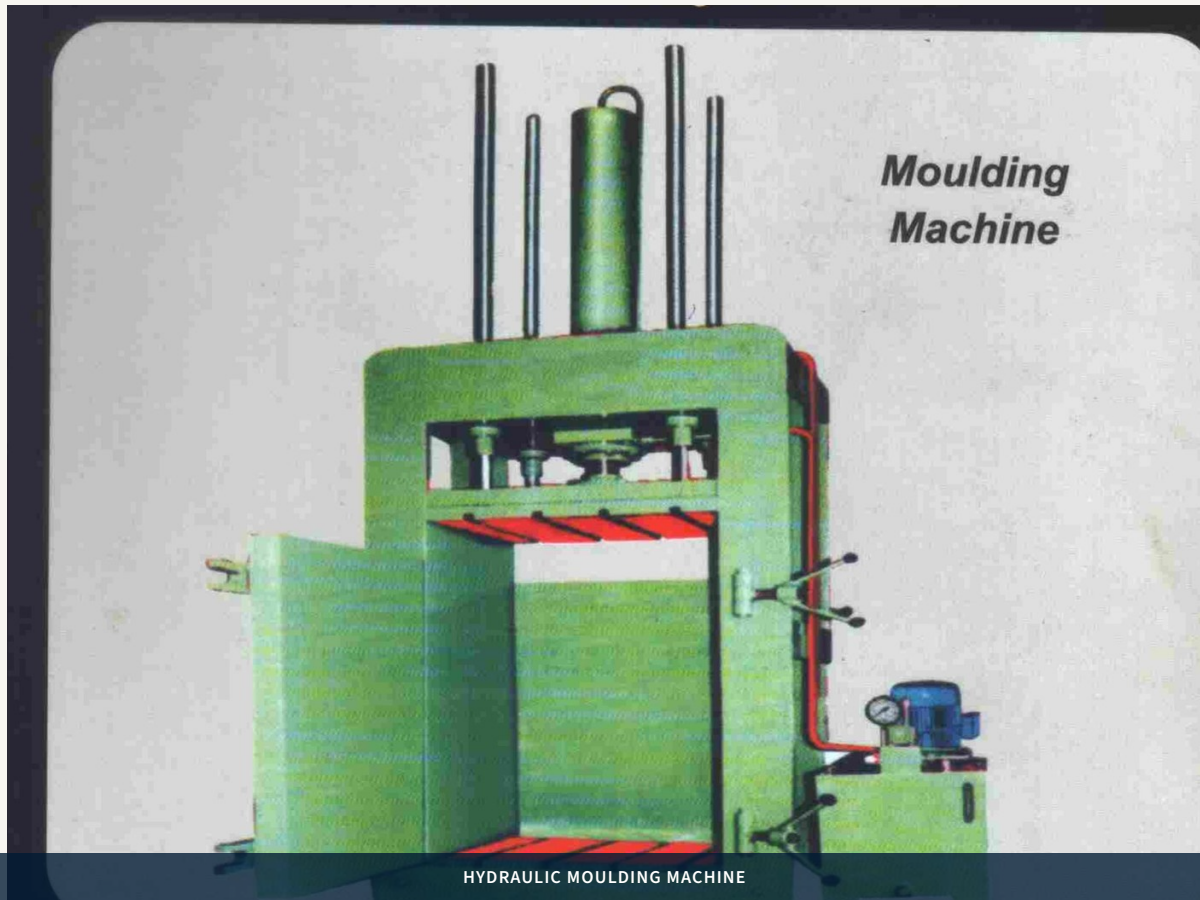
COMPACT CHAMBER



OPEN FRAME WITH
PLATEN

MOULDING MACHINES

Hydraulic moulding machines, presses and special purpose machines,
built to the same standard as the baling presses.



We are also manufacturers of hydraulic & pneumatic cylinders, hydraulic power packs, hydraulic presses, special purpose machines & moulding machines etc.

AWARDS :

STATE GOVERNMENT (M.P.) AWARD FOR EXCELLENCE (BEST SSI UNIT)

Mr. L.C. Tolani, Chairman, Pragma Group of Industries, was awarded the "STATE GOVERNMENT (MP) AWARD FOR EXCELLENCE (BEST SSI UNIT)" by the Ministry of Industry M.P., Bhopal, during the National MSME meet on 14th February 2012 at Bhopal. The award was presented by the Hon'ble Minister of Commerce, Industries & Employment, Information Technology, Science and Technology of Madhya Pradesh.



NATIONAL AWARD

Shri Lakhmichand Tolani of Pragma received the "NATIONAL AWARD" for Outstanding SSI Entrepreneur from Honourable Prime Minister Shri A.B. Bajpai on 30.08.2000 at Vigyan Bhawan, New Delhi.



BHARAT VIKAS AWARD

Dr. S. Venugopalchari, Minister of State for Agriculture (Govt. of India) presented the "BHARAT VIKAS AWARD" to Mr. L.C. Tolani, Chairman of Pragma Group, on 23.09.97.



PRAGYA PRECISION EQUIPMENT PVT. LTD.

188 Parivahan Nagar, Indore - 452009, Madhya Pradesh, India

Phone / WhatsApp : +91 91091 02280 • E-mail : pragya@pragyaindia.com

www.pragyaindia.com | www.pragyaequipment.com