



PRACHITIRTH™ Economy high efficiency Hydro Extractor Direct Drive for squeezing water from clothes. Powerful, efficient and robust design are the design keys for the economy series hydro extractor. The advance technology auto break system save significant amounts of energy and time. The high speed brings down moisture retention level, direct drive, high speed, self balancing, auto dc injected brake, auto times suitable for centrifuge of garments after washing / dyeing. Inner basket and outer drum stainless steel. Vibration free and noiseless due to self balancing suspensions. High speed ensures shorter extraction, less energy consumption. (Available in 15, 25, 35, & 50 Kg.)

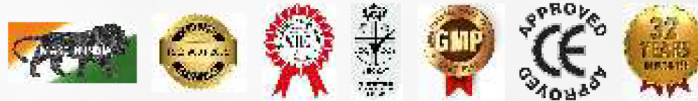
Direct Drive Series

- The motor is suspended with a coaxial setup along with thermal and anti humidity insulation.
- Door lock mechanism with limit switch for operator safety.
- Digital LED controller with automatic timing and safety mechanisms with electronic braking systems control.
- The design provides a quick, self-balancing noiseless and vibration less performance.

TECHNICAL SPECIFICATIONS

Model	Capacity Kg	Volume Ltrs.	Cylinder Size mm / inch	Cylinder Speed rpm	Drain (mm)	Door Opening Diameter (mm)	Drive Motor (HP)	Overall Dimensions (mm) W x D x H	Weight Kg
PMC15DD	15	60	∅ 500 x 300 / 20" x 12"	980	∅ 38	∅ 360	2	930 x 790 x 1150	175
PMC25DD	25	99	∅ 600 x 350 / 24" x 14"	980	∅ 50	∅ 450	3	1000 x 960 x 1200	310
PMC35DD	35	135	∅ 700 x 350 / 28" x 14"	980	∅ 50	∅ 450	5	1130 x 960 x 1220	390
PMC50DD	50	255	∅ 900 x 400 / 36" x 16"	960	∅ 75	∅ 610	7.5	1230 x 1530 x 1100	600

Consumption & Electric loads are primarily for the purpose of designing utilities. All dimensions are in mm. Standard machines operate on 415v ± 5%, 3 Phase, 50 Hz, Ac electric supply. Specifications mentioned above are subject to change without notice.


Hydro Extractor (Non Coaxial)


PRACHITIRTH™ offers heavy duty Hydro extractor non-coaxial, machine that is designed to remove excess water swiftly with minimum vibration and noise. These robust hydro extractor machines are mostly used for hydro-extraction of different types of fabric. Out hydro extractor machines are installed with a limit switch and an interlocking device for safety purpose. (Available in 30, 50, 100 & 200 Kg.)

Basket

The perforated basket is made of Stainless Steel (AISI 304) in standard size and in different gauges according to the size of the machine. It consists of top flange made of stainless steel and bottom flange of robust cast iron lined with stainless steel sheet, which is well balanced statistically and dynamically. The outer body is also made of Stainless Steel (AISI 304) and Dynamically balanced basket.

Bearing, Housing & Shaft

C.I. Bearing housing is mounted on the central boss of the main bed. The main spindle is made of EN180D Steel Harden Grinded spindle and is precisely CNC machined to withstand the loads caused by the centrifugal force. The bearings supporting the main spindle are heavy duty roller and thrust bearings.

Suspension

The complete machine is suspended by heavy-duty three legs on universal oscillating steel pins with heavy duty steel springs and bronze bushes. This arrangement removes the vibration while the machine is running.

TECHNICAL SPECIFICATIONS

Model	Capacity Kg	Cylinder Size mm / inch / ltrs.	Drive Motor (HP)	Cylinder Speed (rpm)	Drain (inch)	Overall Dimensions (mm) W x D x H	Weight Kg
PMC30SS	30	∅ 600 x 350 / 24" x 14" / 99 Ltrs.	3	800	∅ 2"	1200 x 1000 x 650	350
PMC50SS	50	∅ 900 x 400 / 36" x 16" / 254 Ltrs.	7.5	750	∅ 3"	1800 x 1575 x 1100	900
PMC100SS	100	∅ 1100 x 450 / 44" x 18" / 428 Ltrs.	10	700	∅ 4"	2110 x 1850 x 1210	1250
PMC200SS	200	∅ 1530 x 500 / 60" x 20" / 919 Ltrs.	20	650	∅ 4"	2950 x 2200 x 1450	1700

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