



IHE



Washer
Extractor

IHE Series

MODEL : IHE-20, IHE-30, IHE-40,
IHE-60, IHE-80, IHE-100

SPECIFICATION

Standard Features :

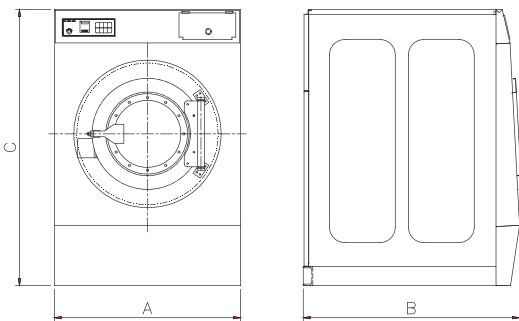
- All wetted parts are 304 (18/8) stainless steel
- 3 or 4 compartments supply dispensers
- 30-cycle microprocessor
- 150G extraction force
- 5 degree lean back for strength and easier loading
- Built in vacuum breaker
- Variable speed frequency inverter
- Metallic Anthracite Grey Full Front Cabinet Panel

Optional Features :

- Stainless Steel Full Front Cabinet Panel
- Stainless Steel Sides & Top Panels
- Metallic Anthracite Grey Sides & Top Panels
- Direct Steam Heating
- Electrical Heating
- EMI Filter for CE
- Special Voltage Modifications

Model			IHHE-20	IHHE-30	IHHE-40	IHHE-60	IHHE-80	IHHE-100
Units of Measurement	Metric	US						
Maximum Capacity	kg.	lbs.	9 (20)	13.6 (30)	18.1 (40)	27.2 (60)	36.3 (80)	45.3 (100)
Overall Dimensions :								
A - Machine Width	mm.	inch	663 (26.1")	735 (28.9")	785 (30.9")	880 (34.6")	1050 (41.3")	1050 (41.3")
B - Machine Depth	mm.	inch	795 (31.3")	885 (34.8")	1090 (42.9")	1177 (46.3")	1219 (48")	1374 (54.1")
C - Machine Height	mm.	inch	1201 (47.3")	1270 (50")	1320 (52")	1467 (57.8")	1708 (67.2")	1722 (67.8")
Cylinder Information :								
Basket Diameter	mm.	inch	610 (24")	610 (24")	680 (26.8")	790 (31.1")	920 (36.2")	920 (36.2")
Basket Depth	mm.	inch	345 (13.5")	470 (18.5")	525 (20.7")	595 (23.4")	574 (22.6")	718 (28.3")
Basket Volume	cu.m	cu.ft	0.11 (4)	0.14 (5)	0.19 (7)	0.29 (10)	0.4 (13)	0.5 (17)
Door Opening and Height :								
Door opening Diameter	mm.	inch	365 (14.4")	365 (14.4")	365 (14.4")	450 (17.7")	510 (20.1")	510 (20.1")
Height of Door Bottom Above Floor	mm.	inch	387 (15.2")	445 (17.5")	465 (18.3")	540 (21.3")	610 (24")	627 (24.7")
Drive Information :								
Number of Motors	Number		1	1	1	1	1	1
Size of Motor	kW	HP	0.75 (1)	1.5 (2)	2.2 (3)	3.7 (5)	5.5 (7.5)	7.5 (10)
Cylinder Speeds :								
Wash	RPM	G-Force	48.5 (0.8)	48.5 (0.8)	44.4 (0.8)	43 (0.8)	39.5 (0.8)	39.5 (0.8)
Distribution	RPM	G-Force	76.5 (2)	77 (2)	70.2 (2)	67 (2)	62 (2)	62 (2)
Extract	RPM	G-Force	484 (80)	664 (150)	608 (150)	583 (150)	540 (150)	540 (150)
Water Inlets and Consumption :								
Hot Water Size			3/4"	3/4"	3/4"	3/4"	3/4"	1"
Cold Water Size	NPT		3/4"	3/4"	3/4"	3/4"	3/4"	1"
Additional Water Inlet			3/4"	3/4"	3/4"	3/4"	3/4"	1"
Average HOT Water Consumption/Cycle	liters	gal	22 (6)	22 (6)	23 (6)	46 (12)	48 (13)	58 (15)
Average COLD Water Consumption/Cycle	liters	gal	67 (18)	67 (18)	69 (18)	104 (27)	137 (36)	168 (44)
Drain Outlets and Capacity :								
Number of Drains	Number		1	1	1	1	1	1
Drain Size	mm.	inch	50.8 (2")	50.8 (2")	50.8 (2")	76.2 (3")	76.2 (3")	76.2 (3")
Drain Capacity	liters/min	gpm	117 (31)	117 (31)	310 (81.9)	581 (153.5)	581 (153.5)	581 (153.5)
Steam Inlet and Consumption :								
Steam Inlet Connection	NPT		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Steam Pressure	bar	Psi	6 (100)	6 (100)	6 (100)	6 (100)	6 (100)	6 (100)
Steam Consumption	kg/hr	lb/hr	11 (24.15)	11 (24.15)	23.5 (51.75)	34.4 (75.9)	56.3 (124.2)	56.3 (124.2)
Weight and Shipping Information :								
Net Weight (approx.)	kg.	lbs.	240 (530)	286 (630.5)	437 (963.4)	499 (1100)	740 (1631)	875 (1930)
Domestic Shipping weight (approx.)	kg.	lbs.	286 (630.5)	302 (665.8)	455 (1003)	519 (1144)	767 (1691)	895 (1973)

Specification of design is subject to change without notice. For additional options please consult factory and distributor.



ISO 9001 : 2008

ISO 13485 : 2016

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IHHE Series - HARDMOUNT

The Ironhorse IHHE series - Hardmount Medium Speed Economy Washer- Extractors for General Laundry Applications

Outstanding Reliability and Efficiency at a Price you can afford

Powerful, efficient, and affordable. These are the design keys for the economy series of Hardmount washer-extractors. Our simple innovative features and robust design ensure low cost of ownership and infrequent maintenance. Simple design and fewer parts are the guarantee. Our combined engineering expertise in the industry assures that you will receive the best for less and products that will meet today's and tomorrow's need in the laundry industry. We know you don't have time to deal with breakdowns.

Simple Microprocessor Control

The reliable of simple microprocessor control provides the capacity to store and execute 30 wash programs, and is simple to operate and program. Four chemical signals are provided for control of external liquid supplies. It controls water inlets, drain, wash speeds, temperature, water levels and all the functions to reach an optimum wash result at the lowest possible cost.



Large Door Opening and Safe Door Interlock

Loading and unloading are fast and easy through the oversized door that opens 180 degrees. The door is located at a convenient height and is constructed of stainless steel and built with an oversize stainless steel hinge for extra strength and durability. The silicon door gasket is designed for long life and seals to the shell every time without leaking. A powerful and safe electro-mechanical door interlocking system is provided for safe and easy operation.



Supply Dispenser

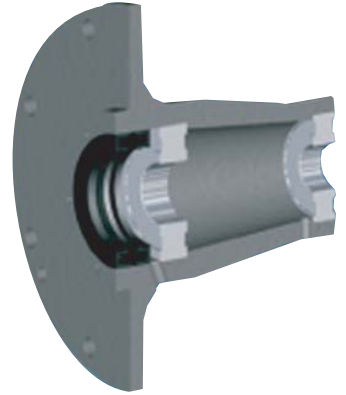
A 3 or 4 compartment dispenser is standard. It is mounted in the front of the machine at a convenient height for easy reach and flushes automatically. The location of the dispenser allows machines to be placed next to each other. As standard the MWHE model machines are provided with four supply signals and four connections for external liquid supply.



Medium Speed Economy Washer - Extractors

Solid Bearing Housing with High Quality Bearings and Seals

Rugged cast iron construction is used in our durable bearing housing. The shaft is constructed of high strength steel. Oversized permanently lubricated ball bearings are service free and designed for extended life. Double lip seals and a face seal protect the bearings. A large leak off area is provided, which yields long bearing life.



Robust Energy Efficient Drive

The machine is provided with a single totally enclosed standard motor that is controlled electronically by a variable frequency drive. This makes the machine control simple and very flexible.

The inverter reduces the peak energy demand, saving energy and lowers the inrush current. It is also a watchdog for the motor, protecting against overload and over voltage. The single motor drive and inverter eliminate clutches, gear reducers, idlers, plus reduces the use of electromechanical components such as contactors and relays. It provides a powerful yet simple drive alternative that is more economical than multi motor drives. The inverter makes it possible to achieve high extract speeds that achieve significant energy and time saving in the drying process.



Solid Mount Construction

Amazing strength and fewer parts give the MWHE series extra long life, without needless breakdowns. The frame is engineered, computer analyzed, and tested for a lifetime rigorous operation. It has a protective powder coating to reduce possible corrosion and prolong the life.

