

HERCULES

The Hercules range includes two main lines: the H05, H10, and H15 series with single scraped walls, excellent for exchange surfaces from 0.5 to 1.5 m². Normally installed horizontally, these models offer flexibility as they can also be mounted vertically. Connectable in series to achieve high thermal gradients, they are ideal for smaller or specialized productions, requiring efficiency in limited spaces.

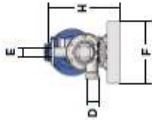
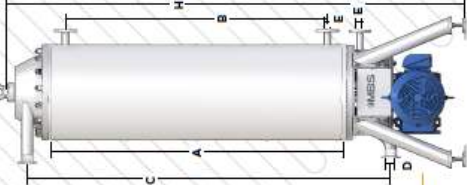
For larger needs, we offer the H30 and H45 models with double scraped walls, designed to handle larger exchange surfaces. They provide significant exchange surface in a limited space and can also be connected in series for optimal performance. They are the perfect choice for large-scale productions that require high thermal efficiency.

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FEATURES		Model			
		H05	H10	H15	H30 H45
Cylinder materials	316 L	*	*	*	*
	Super-duplex	*	*	*	*
Product side	30.4	*	*	*	*
	15 bar	*	*	*	*
	19.5 bar	*	*	*	*
	-30/+180°C	*	*	*	*
Service side	8 bar	*	*	*	*
	10 bar	*	*	*	*
Gasket and orring materials	-30/+180°C	*	*	*	*
	EPDM	*	*	*	*
	NBR	*	*	*	*
	FKM	*	*	*	*
Mechanical seals	silicone	*	*	*	*
	double flushed	*	*	*	*
	single	*	*	*	*
	extreme knife edge	*	*	*	*
	lip seal flushed	*	*	*	*
Blades	PPS	*	*	*	*
	PEEK	*	*	*	*
	detectable PEEK	*	*	*	*
Gearbox	1.6 to 116	*	*	*	*
	1.15 to 1.22	*	*	*	*
Power	5.5 to 9.2 kW	*	*	*	*
	15 to 22 kW	*	*	*	*
Max particle size	17 mm	*	*	*	*
	24 mm	*	*	*	*
	38 mm	*	*	*	*
Certifications	ATEX	*	*	*	*
	U-stamp	*	*	*	*

Model	A [mm]	B [mm]	C [mm]	Exchange surface [m ²]	D	E	F [mm]	G [mm]	H [mm]	Product side volume [L]	Shell side volume [L]	Weight [kg]
H05	1000	840	1082	0.5	DIN1864-2 DN65	EN 1092-1 DN 50 PN 16	400	2350	482	9.5	6.35	270
H10	2000	1840	2082	1.0	DIN 11851 DN 65 F CLAMP 3"			3350		18.6	12.8	341
H15	3000	2840	3082	1.5				4350		28	19.04	410
H30	1370	1138	1775	3.2	DIN 11864-2 DN 50/40	EN 1092-1 DN 50/40 PN 16	1000	1500	2380	81	71	1040
H45	1900	1666	2312	4.5	DN 76,1				2920	103	103	1400

H30-H45



H05-H10-H15

