

*Cleaning Technology  
Municipal Technology  
Waterjet Technology*

***Hako***



***Oertzen high-pressure cleaners***  
***Professional systems for industry  
and commerce***

*Versatile. Reliable. Powerful.*



# OERTZEN

## Cold water units with electric motors

High continuous performance with electrical energy from a mains supply – low-emission, sustainable, reliable

Alternating current 230 V / 1-50 Hz		Three-phase current 400 V / 3-50 Hz								
		16 A			32 A		63 A			
	C.X305									






## Hot water units with electric motors

Particularly effective cleaning with comparatively low working pressure – effective, time- and resource-saving

Alternating current 230 V / 1-50 Hz		Three-phase current 400 V / 3-50 Hz				
		16 A		32 A		63 A
	H120-9 E.D					

## Cold water units with combustion engines




High flexibility due to mains-independent use – powerful, economical, uncomplicated

Petrol			Diesel	
				

\* No EU authorization















## Hot water units with combustion engines

Power-independent for demanding tasks in industrial environments – robust, flexible, sustainable

Petrol		Diesel	
			

## Modules and accessories

Perfect fit: modules and original accessories for more functionality, application diversity and efficiency

# Wide range of applications thanks to a large selection

Hako offers a wide range of effective, reliable and economical Oertzen high-pressure cleaners for a wide variety of applications and all cleaning tasks.



Type	Flow rate l/h max	Working pressure bar max	Water temp. °C max.	Pump speed 1/min	Normal voltage	Drive type	Connected load kW	Drive power kW	Thermo valve	Weight kg
<b>Compact class cold water units with electric motor</b>										
OERTZEN C.X305	600	160	-	2,800	230 V / 1-50 Hz	Electric	3	-	-	24
OERTZEN C.X322	960	190	-	1,420	400 V / 3-50 Hz	Electric	5.1	-	-	75
OERTZEN C210-16 E	960	210	-	1,450	400 V / 3-50 Hz	Electric	6.4	-	-	68
<b>Cold water units up to 190 bar with electric motor</b>										
OERTZEN C140-12 E	720	140	-	1,420	230 V / 1-50 Hz	Electric	3.5	-	opt.	39.5
OERTZEN C170-9 E	540	170	-	1,420	230 V / 1-50 Hz	Electric	3.5	-	opt.	39.5
OERTZEN C150-21 E	1,260	160	-	1,420	400 V / 3-50 Hz	Electric	6.5	-	+	85
OERTZEN C120-50 E	3,000	120	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	126
<b>Cold water units from 200 to 400 bar with electric motor</b>										
OERTZEN C200-30 E	1,800	200	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	126
OERTZEN C230-15 E	900	230	-	1,420	400 V / 3-50 Hz	Electric	6.5	-	+	85
OERTZEN C230-21 E	1,260	230	-	1,440	400 V / 3-50 Hz	Electric	8.9	-	+	108
OERTZEN C310-21 E	1,260	310	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	126
OERTZEN C350-21 E	1,260	350	-	1,450	400 V / 3-50 Hz	Electric	17.6	-	+	164
<b>Cold water units from 500 bar with electric motor</b>										
OERTZEN C500-16 E	960	500	-	1,450	400 V / 3-50 Hz	Electric	17.6	-	+	168
OERTZEN C500-27 E	1,620	500	-	1,450	400 V / 3-50 Hz	Electric	28	-	+	260
OERTZEN C1000-16 E	960	1,000	-	980	400 V / 3-50 Hz	Electric	33	-	-	460
<b>Hot water units with electric motor</b>										
OERTZEN H120-9 E.D	540	120	140	2,800	230 V / 1-50 Hz	Electric + Diesel	2.8	-	-	80
OERTZEN H170-13 E.D	780	170	130	2,800	400 V / 3-50 Hz	Electric + Diesel	4.3	-	-	90
OERTZEN H180-15 E.D	900	180	140	1,400	400 V / 3-50 Hz	Electric + Diesel	5.2	-	-	120
OERTZEN H210-16 E.D	900	210	140	1,420	400 V / 3-50 Hz	Electric + Diesel	6.9	-	-	145
OERTZEN H200-21 E.D	1,260	200	140	1,400	400 V / 3-50 Hz	Electric + Diesel	8.5	-	-	172
<b>Stationary units</b>										
OERTZEN C.S140-12 E	720	120	-	1,420	400 V / 3-50 Hz	Electric	3.5	-	+	52
OERTZEN C.S170-9 E	540	170	-	1,420	400 V / 3-50 Hz	Electric	3.5	-	+	52
OERTZEN C.S120-15 E	900	120	-	1,420	400 V / 3-50 Hz	Electric	6.5	-	+	96
OERTZEN C.S120-21 E	1,260	120	-	1,420	400 V / 3-50 Hz	Electric	6.5	-	+	96
OERTZEN C.S210-15 E	900	210	-	1,420	400 V / 3-50 Hz	Electric	6.5	-	+	96
OERTZEN H.S160-15 E.D	960	160	140	1,420	400 V / 3-50 Hz	Electric + Diesel	7.2	-	-	201
OERTZEN H.S165-18 E.D	1080	165	140	1,420	400 V / 3-50 Hz	Electric + Diesel	7.2	-	-	201
OERTZEN C.S210-21 E	1,260	210	-	1,440	400 V / 3-50 Hz	Electric	8.9	-	+	102
OERTZEN C.S120-30 E	1,800	120	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	128
OERTZEN C.S120-50 E	3,000	120	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	146
OERTZEN C.S200-30 E	1,800	200	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	128
OERTZEN C.S310-21 E	1,260	310	-	1,400	400 V / 3-50 Hz	Electric	12.5	-	+	128
OERTZEN H.S170-9 E	540	170	delta 35	1,450	400 V / 3-50 Hz	Electric	28	-	-	90
<b>Cold water units with combustion engine</b>										
OERTZEN C230-15 P	900	250	-	3,400	-	Petrol	-	8.7	-	79
OERTZEN C230-21 P	1,260	230	-	1,420	-	Petrol	-	10.3	+	105
OERTZEN C310-21 P	1,260	310	-	1,420	-	Petrol	-	16.9	+	160
OERTZEN C210-30 P	1,800	210	-	1,420	-	Petrol	-	16.9	+	160
OERTZEN C350-21 P	1,260	350	-	1,420	-	Petrol	-	16.9	+	160
OERTZEN C500-16 P	960	500	-	1,420	-	Petrol	-	16.9	+	166
OERTZEN C500-17 D	1,020	500	-	1,450	-	Diesel	-	18.6	+	350
OERTZEN C500-33 D*	1,980	500	-	1,450	-	Diesel	-	37.3	+	725
OERTZEN C1000-20 D*	1,200	1,000	-	1,450	-	Diesel	-	37.3	-	725
<b>Compact class hot water units with combustion engine</b>										
OERTZEN H180-18 P.D	1,080	180	98	1,450	-	Petrol + Diesel	-	11.7	+	360
OERTZEN H300-21 D	1,260	300	95	1,450	-	Diesel	-	18	+	423
<b>Trailers</b>										
OERTZEN H.T350-23 D	1,380	350	120	1,750	-	Diesel	-	26	+	900
OERTZEN H.T500-30 D	1,800	500	120	1,750	-	Diesel	-	33	+	1,050
<b>Hot Boxes</b>										
OERTZEN H.B250	540 – 1,260	230	150	-	230 V / 1-50 Hz	Electric + Diesel	-	-	-	105
OERTZEN H.B520	600 – 1,260	500	150	-	230 V / 1-50 Hz	Electric + Diesel	-	-	-	108
OERTZEN H.B20	540 – 1,260	20	120	-	230 V / 1-50 Hz	Electric + Diesel	-	-	-	93
<b>Special applications</b>										
OERTZEN C200-21 Z	1,260	200	-	540	-	PTO shaft	-	-	-	50

\* No EU authorization

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We reserve the right to make changes in shape, colour and design in the interest of technical development. Illustrations may contain optional equipment.

For excellent results, economical use and maximum flexibility in every application: Cleaning Technology, Municipal Technology and Waterjet Technology made by Hako.