Reference List

Walter Hunger GmbH & Co. KG – Hydraulikzylinderwerk – Rodenbacherstr. 50 – 97816 Lohr am Main

Cylinders for Offshore Applications

(without Fire Fighting Cylinders for Tug Boats)

Reference list since 1998

Country	Application	Quantity	Dimensions (mm) piston/rod/stroke	Rod coating / Material	Delivery date
Norway	Riser tensioner offshore cylinders	24	∅ 560 /230/ 15.240	Ceraplate	1998 - 2000
Norway	Piston rod for riser tensioner system	3	∅ /230/ 15.240	Ultraplate	2002
UK	Piston rod for keel lift cylinder of a sailing yacht	1	∅ 320 / 190 / 6000	Ultraplate	2002
UK	Cylinders for walking platform Seawalker	29	∅ 320 / 160 / 3000	Ceraplate	2002
Germany	Cylinder for oil fighting boat	2	∅ 220 / 160 / 1.450	Ultraplate	2004
China	Cylinder for piling barge operation	1	∅ 900 / 540 / 11.470	Ceraplate	2004
Germany	Piston accumulator for sub-sea unit	7	∅ 240 outside diam. / 1.870	Ultraplate	2004

China	Cylinder for piling barge operation	1	∅1.000 / 650 / 12.870	Ceraplate	2004
Germany	Drain gate cylinder for old ship lock in Brunsbüttel	11	∅ 140 / 100 / 3.600	Ultraplate	2004
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.216	Ultraplate	2005
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.216	Ultraplate	2005
Norway	Offshore winch cylinder rods	2	∅ 240 / 4.316	Ultraplate	2005
China	Cylinder for piling barge operation	1	∅800 / 500 / 9.500	Ceraplate	2005
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.216	Ultraplate	2006
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.216	Ultraplate	2006
Norway	Offshore crane cylinders	8 8	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2006
Norway	Offshore crane cylinders	4 4	∅ 450 / 320 / 5080 ∅ 380 / 250 / 3800	Ultraplate & hard chrome	2006
Norway	Offshore crane cylinders	6 6	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2006
China	Cylinder for piling barge operation	1	∅1.000 / 650 / 12.870	Ceraplate	2006
China	Cylinder for piling barge operation	1	∅ 900 / 540 / 11.470	Ceraplate	2007
Norway	Offshore crane cylinders	16 16	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2007

Norway	Offshore crane cylinders	8 8	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2007
Norway	Offshore crane cylinders	18 18	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2007
China	Cylinder for piling barge operation	1	∅ 900 / 540 / 11.470	Ceraplate	2007
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.316	Ultraplate	2007
Norway	Offshore crane cylinders	8 8	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2008
Norway	Offshore crane cylinders	20 20	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2008
Norway	Offshore crane cylinders	24 24	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2008
China	Cylinder for piling barge operation	1	∅1.000 / 650 / 12.870	Ceraplate	2008
Norway	Offshore winch cylinder rods	4	∅ 240 / 4.316	Ultraplate	2008
Norway	Riser tensioner offshore cylinders	12	∅ 560 / 230 / 15.240	Ultraplate	2008
South Africa	Offshore heave compensating cylinders	2	∅ 280 / 125 / 9.500	Ultraplate	2009
Norway	Offshore crane cylinders	7 7	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2009
Norway	Offshore crane cylinders	40 40	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2009

Norway	Offshore crane cylinders	2 2	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2009
Japan	Riser tensioner offshore cylinder rods	3	∅ 230 / 15.500	Ultraplate	2009
Norway	Riser tensioner offshore cylinders rods	18	∅ 560 / 230 / 15.240	Ultraplate	2009
China	Cylinder for piling barge operation	2	∅1.000 / 650 / 12.870	Ceraplate	2009
Japan	Riser tensioner offshore cylinder rods	3	∅ 230 / 15.500	Ultraplate	2010
Norway	Offshore crane cylinders	8 8	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2010
Norway	Offshore crane cylinders	1 2	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2010
Norway	Offshore crane cylinders	1	∅ 420 / 320 / 5080	Ultraplate & hard chrome	2010
Norway	Offshore crane cylinders	23 22	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2010
Norway	Offshore crane cylinders	4 4	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2010
UK	Jacking cylinder rod	1	∅ …/ 203 / 1760	Ultraplate	2010
Norway	Offshore crane cylinders	24 24	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2011
China	Cylinder for piling barge operation	1	∅ 900 / 540 / 11.470	Ceraplate	2011

UK	Cylinders for wave power plant	3	∅ 590 / 350 / 4000	Ultraplate	2011
Norway	Offshore crane cylinders	4 4	∅ 350 / 280 / 4435 ∅ 280 / 230 / 3450	Ultraplate & hard chrome	2011
Norway	Offshore crane cylinders	2 2	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2011
Norway	Offshore crane cylinders	4 4	∅ 550 / 410 / 5565 ∅ 520 / 340 / 4315	Ultraplate & hard chrome	2011
Norway	250 ton Double Piston Accumulator cylinder	4	∅ 660 / 260 / 2651	Hard chrome	2011
China	Machining of piston rods for offshore application	8 10 2	∅ 110 x 7342 ∅ 150 x 7179 ∅ 180 x 7300	Ceraplate	2011
Norway	Offshore crane cylinders	3 2	∅ 520 / 410 / 5780 ∅ 520 / 380 / 4400	Ultraplate & hard chrome	2011
Norway	100 ton Double Piston Accumulator cylinder	3	∅ 540 / 290 / 2056	Hard chrome	2011
Norway	Offshore crane cylinders	4	∅ 380 / 280 / 3772	Ultraplate & hard chrome	2011
Norway	Offshore crane cylinders	2 2	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2011

Norway	Crown Mounted Compensation System CMC-E: Main cylinder Accumulator Equalizing cylinder	 6 3 6	 ∅ 480 / 320 / 8890 ∅ 610 / 11292 ∅ 280 / 110 / 5100	Ni / Cr	2012
Norway	100 ton Double Piston Accumulator cylinder	12	∅ 540 / 290 / 2056	Hard chrome	2012
Norway	Double Piston Accumulator cylinder	1	∅ 660 / 260 / 2100	Hard chrome	2012
Norway	Offshore crane cylinders	2 2	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2012
Norway	Offshore crane cylinders	22 22	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2012
Norway	Offshore crane cylinders	24 24	∅ 470 / 360 / 5080 ∅ 380 / 280 / 3845	Ultraplate & hard chrome	2012
Norway	Offshore crane cylinders	2 4 6	∅ 470 / 360 / 5080 ∅ 470 / 340 / 5080 ∅ 380 / 260 / 3845	Ultraplate & hard chrome	2012
Norway	Offshore crane cylinders	2 4 6	∅ 470 / 360 / 5080 ∅ 470 / 340 / 5080 ∅ 380 / 260 / 3845	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	10 10	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2013

Norway	Double Piston Accumulator cylinder	15	∅ 540 / 290 / 2056	Hard chrome	2013
Norway	Double Piston Accumulator cylinder	7	∅ 660 / 260 / 2651	Hard chrome	2013
Norway	Offshore crane cylinders	14 14	∅ 470 / 360 / 5080 ∅ 380 / 260 / 3845	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	20 20	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	10 10	∅ 550 / 410 / 5565 ∅ 520 / 340 / 4315	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	6 4	Ø 520 / 410 / 5780 Ø 520 / 380 / 4400	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	2	Ø 460 / 360 / 5709	Ultraplate & hard chrome	2013
Norway	Offshore crane cylinders	2 2	∅ 350 / 280 / 4435 ∅ 280 / 230 / 3450	Ultraplate & hard chrome	2013
Norway	Crown Mounted Compensation System CMC-E: Main cylinder Accumulator Equalizing cylinder	 2 1 2	 ∅ 480 / 320 / 8890 ∅ 610 / 11292 ∅ 280 / 100 / 5100	Ni Cr	2013
Norway	Double Piston Accumulator cylinder	1	∅ 660 / 260 / 1802	Hard chrome	2013
Norway	Offshore crane cylinders	6 6	∅ 470 / 360 / 5080 ∅ 380 / 280 / 3845	Ultraplate & hard chrome	2013

Norway	BOP (Blow out preventer) Lifting Cylinder	1	Stage01 ∅ 710/ 650 Stage02 ∅ 540/480 Total stroke: 9250	Ultraplate	2014
Norway	Double Piston Accumulator cylinder	1	∅ 660 / 260 / 2651	Hard chrome	2014
Norway	Offshore crane cylinders	6 6	∅ 550 / 410 / 5565 ∅ 520 / 340 / 4315	Ultraplate & hard chrome	2014
Norway	Double Piston Accumulator cylinder	7	∅ 540 / 290 / 2056	Hard chrome	2014
Norway	Offshore crane cylinders	8 6	∅ 470 / 360 / 5080 ∅ 380 / 260 / 3845	Ultraplate & hard chrome	2014
Norway	Offshore crane cylinders	13 13	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2014
Norway	Riser tensioner offshore cylinders rods	2	∅ 560 / 230 / 15.850	Ultraplate	2014
Norway	Offshore crane cylinders	2	∅ 380 / 250 / 3845	Ultraplate & hard chrome	2014
Norway	Crown Mounted Compensation System CMC-E: Main cylinder Accumulator Equalizing cylinder	 2 1 2	 ∅ 480 / 425 / 8890 ∅ 610 / 11292 ∅ 280 / 100 / 5100	Ni Cr	2014

Norway	Offshore crane cylinders	4 3	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2014
Norway	Offshore crane cylinders	6 4	∅ 520 / 410 / 5780 ∅ 540 / 380 / 4400	Ultraplate & hard chrome	2014
Norway	Offshore crane cylinders	8 8	∅ 420 / 340 / 5080 ∅ 380 / 260 / 3845	Ultraplate & hard chrome	2014
Norway	Double Piston Accumulator cylinder	2	∅ 540 / 290 / 2056	Hard chrome	2015
Norway	Offshore crane cylinders	4 4	∅ 550 / 410 / 5565 ∅ 520 / 340 / 4315	Ultraplate & hard chrome	2015
Norway	Double Piston Accumulator cylinder	1	∅ 660 / 260 / 1802	Hard chrome	2015
Norway	Offshore crane cylinders	5 6	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2015
Norway	Offshore crane cylinders	3	∅ 520 / 410 / 5861	Ultraplate & hard chrome	2015
Norway	Offshore crane cylinders	1 1	∅ 470 / 360 / 5080 ∅ 380 / 280 / 3845	Ultraplate & hard chrome	2015
Japan	Offshore excavator cylinder	1	∅ 970 / 660 / 24780 (length)	Ceraplate	2015
UK	Offshore crane cylinder	1	∅ 100 / 90 / 1689	Hard chrome	2015
Norway	Offshore crane cylinders	5 4	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2015

Norway	BOP (Blow out preventer) Lifting Cylinder	1	Stage01 ∅ 710/ 650 Stage02 ∅ 540/480 Total stroke: 9250	Ultraplate	2015
Norway	Offshore crane cylinders	3 2	∅ 640 / 460 / 6610 ∅ 550 / 430 / 6340	Ultraplate & hard chrome	2015
Norway	Double Piston Accumulator cylinder	1	∅ 540 / 290 / 2056	Hard chrome	2016
Great Britain	Wave Power cylinder	4 1	Ø 45 / 25,4 / 1500 Ø 150 / 80 / 1500	Hard chrome	2016
Norway	Offshore crane cylinder	1	∅ 450 / 340 / 5080	Ultraplate & hard chrome	2017
Brazil	Offshore crane cylinder	1	Ø 520 / 340 / 4315	Thermal spray coating	2017
Brazil	Offshore crane cylinder	1	Ø 550 / 410 / 5565	Thermal spray coating	2017
Germany	Offshore heave compensating cylinders Hydraulic damping cylinders Piston accumulator	2 2 1	∅ 280 / 125 / 9.500 ∅ 160 / 140 / 300 ∅ 580 / 4385	Ultraplate Ni/Cr	2017
Norway	Double Piston Accumulator cylinder	1	∅ 540 / 290 / 2056	Hard chrome	2018
Austria	Offshore crane cylinders	1	∅ 520 / 340 / 4315	Ultraplate & hard chrome	2018

Austria	Offshore crane cylinders	1	∅ 550 / 410 / 5565	Ultraplate & hard chrome	2018
Norway	Offshore crane cylinders	1 1	∅ 470 / 360 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2018
Norway	Offshore crane cylinders	1	Ø 520 / 410 / 5780		2019
Brazil	Offshore crane cylinders	1 1	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2019
South Africa	Offshore crane cylinders	2 2	∅ 450 / 340 / 5080 ∅ 380 / 260 / 3800	Ultraplate & hard chrome	2019
Norway	Double piston accumulator cylinder	1	Ø 540 / 290 / 2056	hard chrome	2019
Japan	Hydraulic cylinder for Underwater bucket	2	Ø 700 / 500 / 3100	Ceraplate	2020
Norway	Offshore crane cylinder	1	Ø 520 / 410 / 5790	hard chrome	2020
Norway	Offshore crane cylinder	1	Ø 380 / 250 / 3845	multilayer chrome	2022
USA	Offshore crane cylinder	1 2	Ø 550 / 410 / 5670 Ø 460 / 360 / 5709	multilayer chrome	2022
Norway	LP Accumulator	2	Ø 203 x 1860		2024
Norway	Offshore crane cylinder	1 1	Ø 550 / 410 / 5565 Ø 520 / 340 / 4315	Rod coating system no. 1	2024
Norway	Offshore crane cylinder	1	Ø 520 / 340 / 4315	UltraplatePlus	2025
Norway	LP Accumulator	2	Ø 203 x 1860		2024

Norway	Offshore crane cylinder	1 1	Ø 550 / 410 / 5565 Ø 520 / 340 / 4315	Rod coating system no. 1	2024
Norway	Offshore crane cylinder	1	Ø 520 / 340 / 4315	UltraplatePlus	2025
Norway	Offshore crane cylinder	1	Ø 550 x 410 / 5565	UlaplatePlus	2025
Norway	Offshore crane cylinder	1	Ø 520 x 340 / 4315	UltraplatePlus	2025
British Virgin Islands	Offshore crane cylinder	1	Ø 450 x 240 / 5080	UltraplatePlus	2025

Offshore special cylinders in total since 1998: 1165

Lohr am Main, December 2025