

# PRICELIST JEFA STEERING 2019

Valid up until 30-10-2019

Part No.	Description	Price in Euro
<b>STEERING WHEELS</b>		
<b>Standard single spoke stainless steel steering wheels fully polished</b>		
WHS0600P	Standard wheel 600 mm, polished rim	359
WHS0700P	Standard wheel 700 mm, polished rim	365
WHS0800P	Standard wheel 800 mm, polished rim	377
WHS0850P	Standard wheel 850 mm, polished rim	405
WHS0900P	Standard wheel 900 mm, polished rim	416
WHS1000P	Standard wheel 1000 mm, polished rim	462
WHS1100P	Standard wheel 1100 mm, polished rim	552
WHS1200P	Standard wheel 1200 mm, polished rim	588
<b>Standard single spoke stainless steel steering wheels with leather cover</b>		
WHS0600L	Standard wheel 600 mm with leather cover	508
WHS0700L	Standard wheel 700 mm with leather cover	534
WHS0800L	Standard wheel 800 mm with leather cover	566
WHS0850L	Standard wheel 850 mm with leather cover	588
WHS0900L	Standard wheel 900 mm with leather cover	599
WHS1000L	Standard wheel 1000 mm with leather cover	643
WHS1100L	Standard wheel 1100 mm with leather cover	757
WHS1200L	Standard wheel 1200 mm with leather cover	820
<b>Tandem spoke stainless steel steering wheels fully polished</b>		
WHT0900P	Tandem wheel 900 mm, polished rim	666
WHT1000P	Tandem wheel 1000 mm, polished rim	691
WHT1100P	Tandem wheel 1100 mm, polished rim	743
WHT1200P	Tandem wheel 1200 mm, polished rim	808
WHT1300P	Tandem wheel 1300 mm, polished rim	884
WHT1400P	Tandem wheel 1400 mm, polished rim	977
WHT1500P	Tandem wheel 1500 mm, polished rim	1.037
WHT1600P	Tandem wheel 1600 mm, polished rim	1.121
WHT1700P	Tandem wheel 1700 mm, polished rim	1.205
WHT1800P	Tandem wheel 1800 mm, polished rim	1.328
DISENG	Wheel disengagement unit for WHT wheels	1.107
<b>Tandem spoke stainless steel steering wheels with leather cover</b>		
WHT0900L	Tandem wheel 900 mm with leather cover	884
WHT1000L	Tandem wheel 1000 mm with leather cover	923
WHT1100L	Tandem wheel 1100 mm with leather cover	965
WHT1200L	Tandem wheel 1200 mm with leather cover	1.042
WHT1300L	Tandem wheel 1300 mm with leather cover	1.159
WHT1400L	Tandem wheel 1400 mm with leather cover	1.245
WHT1500L	Tandem wheel 1500 mm with leather cover	1.291
WHT1600L	Tandem wheel 1600 mm with leather cover	1.341
WHT1700L	Tandem wheel 1700 mm with leather cover	1.409
WHT1800L	Tandem wheel 1800 mm with leather cover	1.500
DISENG	Wheel disengagement unit for WHT wheels	1.107
<b>Aluminium steering wheels with leather cover, black or white</b>		
WHS0700A	Single spoke aluminium wheel 700 mm with leather cover	720
WHS0800A	Single spoke aluminium wheel 800 mm with leather cover	766
WHS0900A	Single spoke aluminium wheel 900 mm with leather cover	809
WHS1000A	Single spoke aluminium wheel 1000 mm with leather cover	883
WHT1000A	Tandem spoke aluminium wheel 1000 mm with leather cover	1.220
WHT1100A	Tandem spoke aluminium wheel 1100 mm with leather cover	1.220
WHT1200A	Tandem spoke aluminium wheel 1200 mm with leather cover	1.326
WHT1300A	Tandem spoke aluminium wheel 1300 mm with leather cover	1.467
WHT1400A	Tandem spoke aluminium wheel 1400 mm with leather cover	1.575
WHT1500A	Tandem spoke aluminium wheel 1500 mm with leather cover	1.634
WHT1600A	Tandem spoke aluminium wheel 1600 mm with leather cover	1.700
WHT1700A	Tandem spoke aluminium wheel 1700 mm with leather cover	1.784
WHT1800A	Tandem spoke aluminium wheel 1800 mm with leather cover	1.903
<b>Leather accessories</b>		
WL25	Leather for Ø25 mm rim per metre	29
WL-SPOK	Leather cover mounted on spoke, price per (tandem) spoke	34

Part No.	Description	Price in Euro
<b>Jefa wheel covers</b>		
WC0900	Wheel cover for Ø900 mm steering wheel	88
WC1000	Wheel cover for Ø1000 mm steering wheel	96
WC1100	Wheel cover for Ø1100 mm steering wheel	105
<b>GRP steering wheels</b>		
WHCG0900B	Black GRP wheel 900 mm	902
WHCG0900W	White GRP wheel 900 mm	902
WHCG1000B	Black GRP wheel 1000 mm	902
WHCG1000W	White GRP wheel 1000 mm	902
<b>Carbon steering wheels</b>		
WHC0900	Carbon wheel 900 mm	2.237
WHC1000	Carbon wheel 1000 mm	2.302
WHC1100	Carbon wheel 1100 mm	2.356
WHC1700	Carbon wheel 1700 mm	4.689
WHC1900	Carbon wheel 1900 mm	5.081
DISENGC	Wheel disengagement unit for carbon wheels	1.107
<b>Teak rimmed single spoke stainless steel steering wheels fully polished</b>		
WHS0700W	Teak rimmed wheel 700 mm	946
WHS0800W	Teak rimmed wheel 800 mm	987
WHS0900W	Teak rimmed wheel 900 mm	1.073
WHS1000W	Teak rimmed wheel 1000 mm	1.106
WHS1100W	Teak rimmed wheel 1100 mm	1.334
<b>Teak rimmed tandem spoke stainless steel steering wheels fully polished</b>		
WHT0900W	Teak rimmed tandem wheel 900 mm	1.255
WHT1000W	Teak rimmed tandem wheel 1000 mm	1.364
WHT1100W	Teak rimmed tandem wheel 1100 mm	1.575
WHT1200W	Teak rimmed tandem wheel 1200 mm	1.741
<b>Cone adapter for hydraulic pumps</b>		
WHSADAP	Adapter petit cone - 8,28 degr.	28
<b>Quick release steering wheel nuts</b>		
NQS58	Quick release wheel nut for standard wheels	59
NQT58	Quick release wheel nut for tandem and carbon wheels	59
<b>CABLE STEERING</b>		
<b>WP100 cable steering pedestals and accessories</b>		
WP100-63	WP100 pedestal with 5/8" 11 t., guardrail, binnacle, 630 mm high	1.303
WP100-71	WP100 pedestal with 5/8" 11 t., guardrail, binnacle, 710 mm high	1.303
WP100-80	WP100 pedestal with 5/8" 11 t., guardrail, binnacle, 800 mm high	1.303
WP101-63	WP100 pedestal with 5/8" 13 t., guardrail, binnacle, 630 mm high	1.303
WP101-71	WP100 pedestal with 5/8" 13 t., guardrail, binnacle, 710 mm high	1.303
WP101-80	WP100 pedestal with 5/8" 13 t., guardrail, binnacle, 800 mm high	1.303
WP102-63	WP100 pedestal with 5/8" 15 t., guardrail, binnacle, 630 mm high	1.303
WP102-71	WP100 pedestal with 5/8" 15 t., guardrail, binnacle, 710 mm high	1.303
WP102-80	WP100 pedestal with 5/8" 15 t., guardrail, binnacle, 800 mm high	1.303
CP100	WP100 conduit plate	78
<b>WP150 cable steering pedestals and accessories</b>		
WP150-63	WP150 pedestal with 5/8" 11 t., guardrail, binnacle, 630 mm high	1.303
WP150-71	WP150 pedestal with 5/8" 11 t., guardrail, binnacle, 710 mm high	1.303
WP150-80	WP150 pedestal with 5/8" 11 t., guardrail, binnacle, 800 mm high	1.303
WP151-63	WP150 pedestal with 5/8" 13 t., guardrail, binnacle, 630 mm high	1.303
WP151-71	WP150 pedestal with 5/8" 13 t., guardrail, binnacle, 710 mm high	1.303
WP151-80	WP150 pedestal with 5/8" 13 t., guardrail, binnacle, 800 mm high	1.303
WP152-63	WP150 pedestal with 5/8" 15 t., guardrail, binnacle, 630 mm high	1.303
WP152-71	WP150 pedestal with 5/8" 15 t., guardrail, binnacle, 710 mm high	1.303
WP152-80	WP150 pedestal with 5/8" 15 t., guardrail, binnacle, 800 mm high	1.303
HD150-3	Surcharge for 150 type HD3 large pedestal head	229
CP150	WP150 conduit plate	78

Part No.	Description	Price in Euro
<b>WP200 cable steering pedestals and accessories</b>		
WP200-63	WP200 cable steering pedestal with 5/8" 11 teeth sprocket, 630 mm high	1.694
WP200-71	WP200 cable steering pedestal with 5/8" 11 teeth sprocket, 710 mm high	1.694
WP200-80	WP200 cable steering pedestal with 5/8" 11 teeth sprocket, 800 mm high	1.694
WP201-63	WP200 cable steering pedestal with 5/8" 13 teeth sprocket, 630 mm high	1.694
WP201-71	WP200 cable steering pedestal with 5/8" 13 teeth sprocket, 710 mm high	1.694
WP201-80	WP200 cable steering pedestal with 5/8" 13 teeth sprocket, 800 mm high	1.694
WP202-63	WP200 cable steering pedestal with 5/8" 15 teeth sprocket, 630 mm high	1.694
WP202-71	WP200 cable steering pedestal with 5/8" 15 teeth sprocket, 710 mm high	1.694
WP202-80	WP200 cable steering pedestal with 5/8" 15 teeth sprocket, 800 mm high	1.694
CP200	WP200 conduit plate	78
<b>WP300 cable steering pedestals and accessories</b>		
WP300-63	WP300 cable steering pedestal with 5/8" 11 teeth sprocket, 630 mm high	1.694
WP300-71	WP300 cable steering pedestal with 5/8" 11 teeth sprocket, 710 mm high	1.694
WP300-80	WP300 cable steering pedestal with 5/8" 11 teeth sprocket, 800 mm high	1.694
WP301-63	WP300 cable steering pedestal with 5/8" 13 teeth sprocket, 630 mm high	1.694
WP301-71	WP300 cable steering pedestal with 5/8" 13 teeth sprocket, 710 mm high	1.694
WP301-80	WP300 cable steering pedestal with 5/8" 13 teeth sprocket, 800 mm high	1.694
WP302-63	WP300 cable steering pedestal with 5/8" 15 teeth sprocket, 630 mm high	1.694
WP302-71	WP300 cable steering pedestal with 5/8" 15 teeth sprocket, 710 mm high	1.694
WP302-80	WP300 cable steering pedestal with 5/8" 15 teeth sprocket, 800 mm high	1.694
CP300	WP300 conduit plate	78
<b>WP400 cable steering pedestals and accessories</b>		
WP400-63	WP400 cable steering pedestal with 5/8" 11 teeth sprocket, 630 mm high	1.825
WP400-71	WP400 cable steering pedestal with 5/8" 11 teeth sprocket, 710 mm high	1.825
WP400-80	WP400 cable steering pedestal with 5/8" 11 teeth sprocket, 800 mm high	1.825
WP401-63	WP400 cable steering pedestal with 5/8" 13 teeth sprocket, 630 mm high	1.825
WP401-71	WP400 cable steering pedestal with 5/8" 13 teeth sprocket, 710 mm high	1.825
WP401-80	WP400 cable steering pedestal with 5/8" 13 teeth sprocket, 800 mm high	1.825
WP402-63	WP400 cable steering pedestal with 5/8" 15 teeth sprocket, 630 mm high	1.825
WP402-71	WP400 cable steering pedestal with 5/8" 15 teeth sprocket, 710 mm high	1.825
WP402-80	WP400 cable steering pedestal with 5/8" 15 teeth sprocket, 800 mm high	1.825
CP400	WP400 conduit plate	78
<b>WP700 racing pedestals</b>		
WP700-11	WP700 racing pedestal with 11 teeth 5/8" st.st. sprocket	1.630
WP700-13	WP700 racing pedestal with 13 teeth 5/8" st.st. sprocket	1.630
WP700-15	WP700 racing pedestal with 15 teeth 5/8" st.st. sprocket	1.630
WP700-17	WP700 racing pedestal with 17 teeth 5/8" st.st. sprocket	1.630
<b>WP710 racing pedestals</b>		
WP710-11	WP710 racing pedestal with 11 teeth 5/8" st.st. sprocket	1.630
WP710-13	WP710 racing pedestal with 13 teeth 5/8" st.st. sprocket	1.630
WP710-15	WP710 racing pedestal with 15 teeth 5/8" st.st. sprocket	1.630
<b>WP800 racing pedestals</b>		
WP800-11	WP800 racing pedestal with 11 teeth 5/8" st.st. sprocket	1.630
WP800-13	WP800 racing pedestal with 13 teeth 5/8" st.st. sprocket	1.630
WP800-15	WP800 racing pedestal with 15 teeth 5/8" st.st. sprocket	1.630
WP800-17	WP800 racing pedestal with 17 teeth 5/8" st.st. sprocket	1.630
WP800-GL	WP800 guardrail, incl. bracket and guardrail feet	357
INST-BIN	Binnacle house for WP800/850	167
WS-DIS	Disengagement unit integrated in steerer/pedestal	315
<b>WP850 A-Frame pedestals</b>		
WP850-11	WP850 A-Frame pedestal with 11 teeth 5/8" st.st. sprocket	1.654
WP850-13	WP850 A-Frame pedestal with 13 teeth 5/8" st.st. sprocket	1.654
WP850-15	WP850 A-Frame pedestal with 15 teeth 5/8" st.st. sprocket	1.654
WP850-17	WP850 A-Frame pedestal with 17 teeth 5/8" st.st. sprocket	1.654
WP850-ID1	WP850 idler set with 100 mm delrin sheaves	337
WP850-ID2	WP850 idler set with 140 mm delrin sheaves	405
INST-BIN	Binnacle house for WP800/850	167
WP850-GL	WP850 guardrail - aluminium welded with leather cover	285
WP850-GLE	WP850 extended guardrail, incl. bracket and guardrail feet	357
WS-DIS	Disengagement unit integrated in steerer/pedestal	315

Part No.	Description	Price in Euro
<b>WP900 pendular pedestals</b>		
WP900-11	WP900 pendular pedestal with 11 teeth 5/8" st.st. sprocket	2.736
WP900-13	WP900 pendular pedestal with 13 teeth 5/8" st.st. sprocket	2.736
WP900-15	WP900 pendular pedestal with 15 teeth 5/8" st.st. sprocket	2.736
WP900-17	WP900 pendular pedestal with 17 teeth 5/8" st.st. sprocket	2.736
WS-DIS	Disengagement unit integrated in steerer/pedestal	315
<b>BS20 bulkhead steerers with 25 mm taper</b>		
BS20-11	BS20 bulkhead steerer with 11 teeth 5/8" st.st. sprocket	392
BS20-13	BS20 bulkhead steerer with 13 teeth 5/8" st.st. sprocket	405
BS-SUP	Support bearing with self-aligning bearing for bulkhead steerer	107
BS-MFS	Mounting flange for BS20 and support bearing incl. 4pcs M6x30mm screws	49
<b>BS25 bulkhead steerers with 25 mm taper</b>		
BS25-11	BS25 bulkhead steerer with 11 teeth 5/8" st.st. sprocket	430
BS25-13	BS25 bulkhead steerer with 13 teeth 5/8" st.st. sprocket	443
BS25-15	BS25 bulkhead steerer with 15 teeth 5/8" st.st. sprocket	443
BS25-17	BS25 bulkhead steerer with 17 teeth 5/8" st.st. sprocket	443
BS-SUP	Support bearing with self-aligning bearing for bulkhead steerer	107
WS-DIS	Disengagement unit integrated in steerer/pedestal	315
BS-MFM	Mounting flange for BS25, BS50 and BS60 incl. 6pcs M6x30mm screws	56
BS-MFS	Mounting flange for BS20 and support bearing incl. 4pcs M6x30mm screws	49
<b>BS30 bulkhead steerers with 25 mm taper (for 30 mm taper please add /T30 to part no.)</b>		
BS30-11	BS30 bulkhead steerer with 11 teeth 5/8" st.st. sprocket	653
BS30-13	BS30 bulkhead steerer with 13 teeth 5/8" st.st. sprocket	676
BS30-15	BS30 bulkhead steerer with 15 teeth 5/8" st.st. sprocket	676
BS30-17	BS30 bulkhead steerer with 17 teeth 5/8" st.st. sprocket	676
BS30-19	BS30 bulkhead steerer with 19 teeth 5/8" st.st. sprocket	676
BS-SUP	Support bearing with self-aligning bearing for bulkhead steerer	107
BS-MFL	Mounting flange for BS30 incl. 6pcs M6x30mm screws	87
BS-MFS	Mounting flange for BS20 and support bearing incl. 4pcs M6x30mm screws	49
<b>BS50 bulkhead steerers with 25 mm taper</b>		
BS50-11	BS50 bulkhead steerer with 11 teeth 5/8" st.st. sprocket	356
BS50-13	BS50 bulkhead steerer with 13 teeth 5/8" st.st. sprocket	356
BS50-15	BS50 bulkhead steerer with 15 teeth 5/8" st.st. sprocket	362
BS50-17	BS50 bulkhead steerer with 17 teeth 5/8" st.st. sprocket	362
BS-SUP	Support bearing with self-aligning bearing for bulkhead steerer	107
BS-SUP-SF	Support bearing with short flange for bulkhead steerer (only mounting perpendicular to shaft)	107
BS-MFM	Mounting flange for BS25, BS50 and BS60 incl. 6pcs M6x30mm screws	56
BS-MFS	Mounting flange for BS20 and support bearing incl. 4pcs M6x30mm screws	49
<b>BS60 bulkhead steerers with 25 mm taper</b>		
BS60-11	BS60 bulkhead steerer with 11 teeth 5/8" st.st. sprocket	430
BS60-13	BS60 bulkhead steerer with 13 teeth 5/8" st.st. sprocket	443
BS60-15	BS60 bulkhead steerer with 15 teeth 5/8" st.st. sprocket	443
BS60-17	BS60 bulkhead steerer with 17 teeth 5/8" st.st. sprocket	443
BS-SUP	Support bearing with self-aligning bearing for bulkhead steerer	107
BS-MFM	Mounting flange for BS25, BS50 and BS60 incl. 6pcs M6x30mm screws	56
BS-MFS	Mounting flange for BS20 and support bearing incl. 4pcs M6x30mm screws	49
<b>HS25 horizontal steerers with 25 mm taper</b>		
HS25-11	HS25 horizontal steerer with 11 teeth 5/8" st.st. sprocket	392
HS25-13	HS25 horizontal steerer with 13 teeth 5/8" st.st. sprocket	405
SP-SPC	Additional sprocket welded on shaft 11-13 teeth	70
<b>5/8" pitch non-magnetic chain sets including 2 master links and 2 stainless steel</b>		
CH5850	Chain assembly 5/8", 500 mm long (up until 200 mm rad. quad.)	87
CH5860	Chain assembly 5/8", 600 mm long (up until 300 mm rad. quad.)	97
CH5880	Chain assembly 5/8", 800 mm long (up until 400 mm rad. quad.)	121
CH58100	Chain assembly 5/8", 1000 mm long (up until 500 mm rad. quad.)	140
CH5800	5/8" non-magnetic stainless steel chain per meter	103
CHLNK	5/8" stainless steel master link	7
<b>Stainless steel 7 x 19 steering cables including 2 swages with thimble eye</b>		
W5-300	Steering wire 5 mm diameter 3000 mm long	40
W5-600	Steering wire 5 mm diameter 6000 mm long	59
W6-300	Steering wire 6 mm diameter 3000 mm long	43
W6-600	Steering wire 6 mm diameter 6000 mm long	63
W6-1000	Steering wire 6 mm diameter 10 meters long	93

Part No.	Description	Price in Euro
<b>Conduit sheaves, fittings and conduit cable</b>		
CONFIT	Brass conduit fitting	29
CONCAB	16 mm heavy duty conduit cable, price per metre (excl. inner wire)	29
SHC-140D	Self-aligning conduit sheave adapter with 140 mm delrin sheave	241
SH-CF100D	Flat twin conduit sheave sheave adapter with 100 mm delrin sheave	236
<b>Tangential terminal units</b>		
TERM-T-100D	Tangential terminal unit with 100 mm delrin sheave	170
TERM-T-140D	Tangential terminal unit with 140 mm delrin sheave	199
<b>Articulated terminal units</b>		
TERM-A-1D	Articulated terminal unit with 100 mm delrin sheaves	416
TERM-A-2D	Articulated terminal unit with 140 mm delrin sheaves	501
<b>Cross wire idlers</b>		
ICW100D	Cross wire idler with 100 mm delrin sheaves	235
ICW100A	Cross wire idler with 100 mm aluminium sheaves with ball bearings	313
ICW140D	Cross wire idler with 140 mm delrin sheaves	291
ICW140A	Cross wire idler with 140 mm aluminium sheaves with ball bearings	416
<b>Parallel wire idlers</b>		
IPW100D	Parallel wire idler with 100 mm delrin sheaves	235
IPW100A	Parallel wire idler with 100 mm aluminium sheaves with ball bearings	313
IPW140D	Parallel wire idler with 140 mm delrin sheaves	291
IPW140A	Parallel wire idler with 140 mm aluminium sheaves with ball bearings	416
<b>Flat sheaves for open wire systems</b>		
SH-F100D	flat sheave assembly with 100 mm delrin sheave	125
SH-F100A	flat sheave assembly with 100 mm aluminium sheave	170
SH-F140D	flat sheave assembly with 140 mm delrin sheave	156
SH-F140A	flat sheave assembly with 140 mm aluminium sheave	209
<b>Articulated sheaves for open wire systems</b>		
SH-A100D	articulated sheave assembly with 100 mm delrin sheave	156
SH-A100A	articulated sheave assembly with 100 mm aluminium sheave	221
SH-A140D	articulated sheave assembly with 140 mm delrin sheave	202
SH-A140A	articulated sheave assembly with 140 mm aluminium sheave	267
<b>Bulkhead sheaves for open wire systems</b>		
SH-BH100D	bulkhead sheave assembly with 100 mm delrin sheave	241
SH-BH100A	bulkhead sheave assembly with 100 mm aluminium sheave	306
SH-BH140D	bulkhead sheave assembly with 140 mm delrin sheave	267
SH-BH140A	bulkhead sheave assembly with 140 mm aluminium sheave	333
<b>Self-aligning bulkhead sheaves for open wire systems</b>		
SH-BHSA100D	s-a bulkhead sheave assembly with 100 mm delrin sheave	241
SH-BHSA100A	s-a bulkhead sheave assembly with 100 mm aluminium sheave	306
SH-BHSA140D	s-a bulkhead sheave assembly with 140 mm delrin sheave	267
SH-BHSA140A	s-a bulkhead sheave assembly with 140 mm aluminium sheave	333
<b>Upright sheaves for open wire systems</b>		
SH-UP100D	upright sheave assembly with 100 mm delrin sheave	156
SH-UP100A	upright sheave assembly with 100 mm aluminium sheave	221
SH-UP140D	upright sheave assembly with 140 mm delrin sheave	202
SH-UP140A	upright sheave assembly with 140 mm aluminium sheave	267
<b>270 degree radial quadrants</b>		
QU1527	radial quadrant R=150, maximum bore size = 75 mm	292
QU2027	radial quadrant R=200, maximum bore size = 100 mm	337
QU2527	radial quadrant R=250, maximum bore size = 100 mm	416
QU3027	radial quadrant R=300, maximum bore size = 125 mm	552
QU3527	radial quadrant R=350, maximum bore size = 125 mm	594
QU4027	radial quadrant R=400, maximum bore size = 150 mm	633
QU4527	radial quadrant R=450, maximum bore size = 150 mm	769
QUBORE	bore and key quadrant to customers dimensions	78
QUSTOP	surcharge for additional rudder stop blocks	124
QUAUTO	surcharge for additional autopilot arm connected to quadrant	124

Part No.	Description	Price in Euro
<b>80 degree quadrants</b>		
QU1580	80 degree quadrant R=150, maximum bore size = 75 mm	221
QU2080	80 degree quadrant R=200, maximum bore size = 75 mm	254
QU2580	80 degree quadrant R=250, maximum bore size = 100 mm	313
QU3080	80 degree quadrant R=300, maximum bore size = 100 mm	415
QU3580	80 degree quadrant R=350, maximum bore size = 100 mm	485
QU4080	80 degree quadrant R=400, maximum bore size = 125 mm	552
QU4580	80 degree quadrant R=450, maximum bore size = 125 mm	716
QU5080	80 degree quadrant R=500, maximum bore size = 125 mm	857
QUBORE	bore and key quadrant to customers dimensions	78
QUSTOP	surcharge for additional rudder stop blocks	124
QUAUTO	surcharge for additional autopilot arm connected to quadrant	124

## RACK AND PINION STEERING

### RP100 rack and pinion steering pedestals

RP100-63	RP100 rack and pinion pedestal incl. guardrail, binnacle, 630 mm high	1.825
RP100-71	RP100 rack and pinion pedestal incl. guardrail, binnacle, 710 mm high	1.825
RP100-80	RP100 rack and pinion pedestal incl. guardrail, binnacle, 800 mm high	1.825

### RP150 rack and pinion steering pedestals

RP150-63	RP150 rack and pinion pedestal incl. guardrail, binnacle, 630 mm high	1.825
RP150-71	RP150 rack and pinion pedestal incl. guardrail, binnacle, 710 mm high	1.825
RP150-80	RP150 rack and pinion pedestal incl. guardrail, binnacle, 800 mm high	1.825
HD150-3	Surcharge for 150 type HD3 large pedestal head	229

### RP200 rack and pinion steering pedestals

RP200-63	RP200 rack and pinion steering pedestal 630 mm high	2.086
RP200-71	RP200 rack and pinion steering pedestal 710 mm high	2.086
RP200-80	RP200 rack and pinion steering pedestal 800 mm high	2.086

### RP300 rack and pinion steering pedestals

RP300-63	RP300 rack and pinion steering pedestal 630 mm high	2.086
RP300-71	RP300 rack and pinion steering pedestal 710 mm high	2.086
RP300-80	RP300 rack and pinion steering pedestal 800 mm high	2.086

### RP400 rack and pinion steering pedestals

RP400-63	RP400 rack and pinion steering pedestal 630 mm high	2.216
RP400-71	RP400 rack and pinion steering pedestal 710 mm high	2.216
RP400-80	RP400 rack and pinion steering pedestal 800 mm high	2.216

### Rack and pinion steering options

RPSTOP	RP stopring	124
RP100ET	RP100 extension tube incl. lever and 50 mm flange bearing	668
RP200ET	RP200 extension tube incl. lever and 50 mm flange bearing	668
RP300ET	RP300 extension tube incl. lever and 50 mm flange bearing	668
RP400ET	RP400 extension tube incl. lever and 50 mm flange bearing	668
RP100OL	RP extra output lever (twin rudder boats)	110

### 100 series draglinks and accessories

DL2030	100 series draglink, 200 to 300 mm centres, Ø25 mm tube	215
DL2030-30	100 series draglink, 200 to 300 mm centres, Ø30 mm tube	228
DL3040	100 series draglink, 300 to 400 mm centres, Ø25 mm tube	215
DL3040-30	100 series draglink, 300 to 400 mm centres, Ø30 mm tube	228
DL4050	100 series draglink, 400 to 500 mm centres, Ø25 mm tube	215
DL4050-30	100 series draglink, 400 to 500 mm centres, Ø30 mm tube	228
DL5060	100 series draglink, 500 to 600 mm centres, Ø25 mm tube	215
DL5060-30	100 series draglink, 500 to 600 mm centres, Ø30 mm tube	228
DL6070	100 series draglink, 600 to 700 mm centres, Ø30 mm tube	228
DL7080	100 series draglink, 700 to 800 mm centres, Ø30 mm tube	228
DL8090	100 series draglink, 800 to 900 mm centres, Ø30 mm tube	228
DL90100	100 series draglink, 900 to 1000 mm centres, Ø30 mm tube	228
DL100110	100 series draglink, 1000 to 1100 mm centres, Ø30 mm tube	249
DL110120	100 series draglink, 1100 to 1200 mm centres, Ø30 mm tube	249
DL120130	100 series draglink, 1200 to 1300 mm centres, Ø30 mm tube	249
DL130140	100 series draglink, 1300 to 1400 mm centres, Ø30 mm tube	249
DL140150	100 series draglink, 1400 to 1500 mm centres, Ø30 mm tube	249
DL150160	100 series draglink, 1500 to 1600 mm centres, Ø30 mm tube	267
DL160170	100 series draglink, 1600 to 1700 mm centres, Ø30 mm tube	267
DL170180	100 series draglink, 1700 to 1800 mm centres, Ø30 mm tube	267
DL180190	100 series draglink, 1800 to 1900 mm centres, Ø30 mm tube	267
DL190200	100 series draglink, 1900 to 2000 mm centres, Ø30 mm tube	267

Part No.	Description	Price in Euro
DL.....	See separate draglink pricelist for different lengths and tube diameters	
DLB16	Ball for 100 series draglink with 16 mm hole	12
DLB22	Ball for 100 series draglink with 22 mm hole	16
DLB58	Ball for 100 series draglink with 5/8" mm hole	12
<b>Tiller levers</b>		
TLL035	Tiller lever L=273 mm, incl. fixed bore 35 mm "light duty"	143
TLL040	Tiller lever L=273 mm, incl. fixed bore 40 mm "light duty"	143
TLL050	Tiller lever L=273 mm, incl. fixed bore 50 mm "light duty"	143
TLJ050	Tiller lever L=273 mm, max. bore 50 mm	167
TLJ075	Tiller lever L=273 mm, max. bore 75 mm	209
TLJ100	Tiller lever L=273 mm, max. bore 100 mm	249
TLJ125	Tiller lever L=273 mm, max. bore 125 mm	313
TLH125	Heavy duty tiller lever L=335 mm, max. bore 125 mm	397
TLH200	Heavy duty tiller lever L=335 mm, max. bore 200 mm	508
TLJBORE	Bore and key tiller lever	73
TLJPIN16	16 mm tiller lever pin	13
TLJPIN22	22 mm tiller lever pin	25
TLJPIN58	5/8" mm tiller lever pin for other steering systems	13
TLJPIN-D	TLJPIN set for twin mount draglink	57
TLAUTO	surcharge for additional autopilot arm connected to tiller cap	124
TLJTWIST	surcharge for twisted tiller tail	39
<b>TRANSMISSION STEERING</b>		
<b>TS100 transmission steering pedestals</b>		
TS100-63	TS100 transmission pedestal, guardrail, binnacle, 630 mm high	1.630
TS100-71	TS100 transmission pedestal, guardrail, binnacle, 710 mm high	1.630
TS100-80	TS100 transmission pedestal, guardrail, binnacle, 800 mm high	1.630
<b>TS150 transmission steering pedestals</b>		
TS150-63	TS150 transmission pedestal, guardrail, binnacle, 630 mm high	1.630
TS150-71	TS150 transmission pedestal, guardrail, binnacle, 710 mm high	1.630
TS150-80	TS150 transmission pedestal, guardrail, binnacle, 800 mm high	1.630
HD150-3	Surcharge for 150 type HD3 large pedestal head	229
<b>TS200 transmission steering pedestals</b>		
TS200-63	TS200 transmission pedestal, 630 mm high	2.019
TS200-71	TS200 transmission pedestal, 710 mm high	2.019
TS200-80	TS200 transmission pedestal, 800 mm high	2.019
<b>TS300 transmission steering pedestals</b>		
TS300-63	TS300 transmission pedestal, 630 mm high	2.019
TS300-71	TS300 transmission pedestal, 710 mm high	2.019
TS300-80	TS300 transmission pedestal, 800 mm high	2.019
<b>TS400 transmission steering pedestals</b>		
TS400-63	TS400 transmission pedestal, 630 mm high	2.151
TS400-71	TS400 transmission pedestal, 710 mm high	2.151
TS400-80	TS400 transmission pedestal, 800 mm high	2.151
<b>TS900 transmission swinging steering pedestal</b>		
TS900	TS900 transmission swinging pedestal	2.736
WS-DIS	Disengagement unit integrated in steerer/pedestal	315
<b>10 series transmission steering parts</b>		
BG10	10 series 2-way bevel gearbox	588
BG11	10 series 3-way bevel gearbox	627
BG11-AP	10 series 3-way bevel gearbox with autopilot drive connection	649
BG12	10 series 2-way bevel gearbox with steering shaft and brake	683
BG12QM	10 series 2-way bevel steering gearbox "quick mount"	813
BG13	10 series 2-way reduction bevel gearbox 1.2:1	703
BG14	10 series 3-way reduction bevel gearbox 1.2:1	743
BG14-AP	10 series 3-way reduction bevel gearbox 1.2:1 + autopilot connection	768
BG15	10 series 2-way reduction bevel gearbox 1.2:1 with steering shaft	803
BG15QM	10 series 2-way red. bevel steering gearbox "quick mount" 1.2:1	932
BG16	10 series 4-way reduction bevel gearbox 1.2:1	1.115
BG16-AP	10 series 4-way reduction bevel gearbox 1.2:1 + autopilot connection	1.141
BG-REV	surcharge for reverse rotation modification on all bevel boxes	137
RG10-32	Reduction gearbox 1:3.2 including output lever	1.032
RG10-50	Reduction gearbox 1:5 including output lever	1.032
RG10-70	Reduction gearbox 1:7 including output lever	1.369

Part No.	Description	Price in Euro
RG10-100	Reduction gearbox 1:10 including output lever	2.751
RG10-130	Reduction gearbox 1:13 including output lever	3.026
RG10-DB	Shaft and bracket for autopilot for RG10 gearbox	221
RG10-STP	Stop for RG10 gearbox	209
RG10-ADAP	RG10 pedestal to gearbox connection adapter	301
BRG10-50	Bevel reduction gearbox 1:5 including output lever	1.053
BRG10-67	Bevel reduction gearbox 1:6.7 including output lever	1.336
UJ10	10 series universal joint	156
UJ11	10 series universal joint for flange bearing connection	170
TT10-050	10 series torque tube 500 mm long, incl. 2 mounting clamps	167
TT10-100	10 series torque tube 1000 mm long, incl. 2 mounting clamps	180
TT10-150	10 series torque tube 1500 mm long, incl. 2 mounting clamps	201
TT10-200	10 series torque tube 2000 mm long, incl. 2 mounting clamps	215
TT10-250	10 series torque tube 2500 mm long, incl. 2 mounting clamps	233
TT10-300	10 series torque tube 3000 mm long, incl. 2 mounting clamps	259
TT10-350	10 series torque tube 3500 mm long, incl. 2 mounting clamps	283
FB10	10 series flange bearing Ø 45 mm	163
FB10-BR	bracket for 10 series pedestal bearing FB10	97

#### Hydraulic pedestals

H200-71-36	Pedestal H200, 36cc pump, height 710mm	2.998
H200-71-60	Pedestal H200, 60cc pump, height 710mm	3.194
H200-71-90	Pedestal H200, 90cc pump, height 710mm	3.519
H200-80-36	Pedestal H200, 36cc pump, height 800mm	2.998
H200-80-60	Pedestal H200, 60cc pump, height 800mm	3.194
H200-80-90	Pedestal H200, 90cc pump, height 800mm	3.519
H300-71-36	Pedestal H300, 36cc pump, height 710mm	2.998
H300-71-60	Pedestal H300, 60cc pump, height 710mm	3.194
H300-71-90	Pedestal H300, 90cc pump, height 710mm	3.519
H300-80-36	Pedestal H300, 36cc pump, height 800mm	2.998
H300-80-60	Pedestal H300, 60cc pump, height 800mm	3.194
H300-80-90	Pedestal H300, 90cc pump, height 800mm	3.519
H400-71-36	Pedestal H400, 36cc pump, height 710mm	3.129
H400-71-60	Pedestal H400, 60cc pump, height 710mm	3.322
H400-71-90	Pedestal H400, 90cc pump, height 710mm	3.646
H400-80-36	Pedestal H400, 36cc pump, height 800mm	3.129
H400-80-60	Pedestal H400, 60cc pump, height 800mm	3.322
H400-80-90	Pedestal H400, 90cc pump, height 800mm	3.646

#### ACCESSORIES

##### Pedestal bolts

ST10080	Pedestal bolt set M10 x 80 mm	20
ST10120	Pedestal bolt set M10 x 120 mm	25

##### TFX engine control mechanism

EC100	Engine control for the 100 series pedestal incl. handle and housing	528
EC150	Engine control for the 150 series pedestal incl. handle	322
EC200	Engine control for the 200 series pedestal including handle	322
EC300	Engine control for the 300 series pedestal including handle	322
EC400	Engine control for the 400 series pedestal including handle	322

##### Plastimo Compasses

COM-OLYM	Plastimo Olympic 135 compass with black housing and black card	291
COM-HORIZ	Plastimo Horizon 135 compass with black housing and black card	320
COM-CONT	Plastimo Contest 101 compass with black housing and black card (Only for type 400 pedestal)	220

##### Cockpit tables, table mounting kits and glass holders

CT100	Cockpit table for type 100 pedestal, incl. mounting kit	738
CT100FIT	Cockpit table mounting kit for type 100 pedestal	261
CT150	Cockpit table for type 150 pedestal, incl. mounting kit	721
CT150FIT	Cockpit table mounting kit for type 150 pedestal	251
CT300	Cockpit table for type 200 & 300 & 400 pedestal, incl. mounting kit	716
CT300FIT	Cockpit table mounting kit for type 200 & 300 & 400 pedestal	241

##### Instrument housings

INST-DUO	Duo instrument housing 310 x 149 x 89 (EP2)	279
INST-TRIO	Trio instrument housing 380 x 150 x 95 (EP3)	279
INST-QUAD	Quad instrument housing 490 x 145 x 101 (EP4)	337
INST-RAD	Radar instrument housing 392 x 220 x 152,5 (EP5)	337
INST-EP6	Radar instrument housing 448 x 235 x 160 (EP6)	444



Part No.	Description	Price in Euro
INST-EP7	Radar instrument housing 520 x 288 x 162 (EP7)	444
INST-EP8	Radar instrument housing 370 x 275 x 186 (EP8)	444
INST-EP9	Radar instrument housing 305 x 245 x 167 (EP9)	444
GUA-EXT	Surcharge extended guardrail for all new pedestals	51
GUA300E	Retrofit extended guardrail for 300 & 400 series pedestal	215
HD150-3R	Retrofit 150 type HD3 large pedestal head	300

#### AUTOPILOT DRIVE UNITS

DU-LD-12	Linear drive 100 KgM - 400 Kg thrust, 12 volts	1.663
DU-LD-12/GA	Linear drive 100 KgM, incl. Garmin rudder feedback and cables	1.793
DU-LD-RFB1	LD integrated rudder feedback for Garmin and NKE autopilots (10 kΩ)	77
DU-LD-RFB2	LD integrated rudder feedback for Raymarine autopilots (5 kΩ)	77
DU-LD-RFB3	LD integrated rudder feedback for B&G (NAC-2) autopilots (5 kΩ)	77
DU-TS8-12	Transmission autopilot drive unit 200 Nm 12 volts - 8 rev/min	1.827
DU-TS6-12	Transmission autopilot drive unit 200 Nm 12 volts - 6 rev/min	1.827
DU-TS4-12	Transmission autopilot drive unit 200 Nm 12 volts - 3.5 rev/min	1.827
DU-TS8-24	Transmission autopilot drive unit 300 Nm 24 volts - 8 rev/min	2.593
DU-TS6-24	Transmission autopilot drive unit 300 Nm 24 volts - 6.5 rev/min	2.593
DU-TS4-24	Transmission autopilot drive unit 300 Nm 24 volts - 4 rev/min	2.593
DU-TS-RFB1	TS integrated rudder feedback for Garmin and NKE autopilots (10 kΩ)*2	182
DU-TS-RFB2	TS integrated rudder feedback for Raymarine autopilots (5 kΩ)*2	182
DU-TS-RFB3	TS integrated rudder feedback for B&G (NAC-2) autopilots (5 kΩ)*2	182
DU-TS-LEW	Adapter for Lewmar autopilot flange	132
DU-DD1-12	Direct drive 150 KgM type 1 12 volts	2.080
DU-DD1-12/GA	Direct drive 150 KgM, incl. Garmin rudder feedback and cables	2.315
DU-DD1-RFB1	DD1 integrated rudder feedback for Garmin and NKE autopilots (10 kΩ)	180
DU-DD1-RFB2	DD1 integrated rudder feedback for Raymarine autopilots (5 kΩ)	180
DU-DD1-RFB3	DD1 integrated rudder feedback for B&G (NAC-2) autopilots (5 kΩ)	180
DU-DD1-FB	Rudder feedback mounting bracket for DD1	83
DU-DD2-12	Direct drive 375 KgM type 2 12 volts	2.801
DU-DD2-12/GA	Direct drive 375 KgM type 2 12 volts, incl. Garmin rudder feedback and cables	3.035
DU-DD2-24	Direct drive 375 KgM type 2 24 volts	3.567
DU-DD2-24/GA	Direct drive 375 KgM type 2 24 volts, incl. Garmin rudder feedback and cables	3.804
DU-DD3-12	Direct drive 525 KgM type 3 12 volts	3.137
DU-DD3-12/GA	Direct drive 525 KgM type 3 12 volts, incl. Garmin rudder feedback and cables	3.373
DU-DD3-24	Direct drive 525 KgM type 3 24 volts	3.905
DU-DD3-24/GA	Direct drive 525 KgM type 3 24 volts, incl. Garmin rudder feedback and cables	4.142
DU-DD4-24	Direct drive 735 KgM type 4 24 volts	5.154
DU-WS200-12	Sprocket autopilot drive unit 200 Nm 12 volts	2.034
DU-WS300-24	Sprocket autopilot drive unit 300 Nm 24 volts	2.802
DU-WS-RFB1	WS integrated rudder feedback for Garmin and NKE autopilots (10 kΩ)*2	182
DU-WS-RFB2	WS integrated rudder feedback for Raymarine autopilots (5 kΩ)*2	182
DU-WS-RFB3	WS integrated rudder feedback for B&G (NAC-2) autopilots (5 kΩ)*2	182
DU-WS-BR	Bracket for sprocket drive	138
-	Various stainless "plate" sprockets to be welded on shaft 11T - 26T	15 - 51
-	Various stainless "hub" sprockets bored and keyed to suit shaft 11T - 26T	116 - 157
DU-CAB-G	Garmin cables and plugs mounted to drive units	55
DU-ECL1-12	Electric clutch for type 100 transmission systems 12 volts	3.582
DU-ECL1-24	Electric clutch for type 100 transmission systems 24 volts	3.582
DU-ECL2-24	Electric clutch for type 200 transmission systems 24 volts	3.582

\*2 only possible when max. number of rotations of drive unit < 2,5 turns

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All above mentioned prices are in Euro, excluding VAT, ex works and are subject to change.