

PACKING LIST for COMMERCIAL INVOICE

TRENCHER ALPHA 8.1

Parts in definitive exportation

20' INTEGRATED PARTS Container n° BBCU22529222G1 – (10 tons) loaded with :

Box n°	Qty	Description	Part Number	Code of product
V	1	Overlay System		84714100
		CLEAR COM		
8	1	Main station	CCMS702	85 180 000
8	1	Belt Station	RS-702	85 180 000
8	1	Single Headset	CC300	85 180 000
8	1	Single ear lightweight	CC26KX4	85 180 000
8	1	Desk Station	HB702	85 180 000
C	2	Single ear lightweight	CC26KX4	85 180 000
C	3	Single Headset	CC300	85 180 000
C	3	Belt Station	RS-702	85 180 000
C	1	Two channel wall plate	WP-6	85 220 000
		OTHER ELEMENTS		
11	5	HDMI CABLE 1.5M		851 14 290
11	5	HDMI CABLE 3M		851 14 290
11	5	HDMI CABLE 5M		851 14 290
11	5	HDMI CABLE 10M		851 14 290
11	5	VIDEO HD SDI CABLE		851 14 290
11	5	POWER SUPPLY CABLE		851 14 290
11	3	ADAPTATOR C5 TO C14		851 14 290
14	5	ETHERNET CABLE 1M		851 14 290
14	5	ETHERNET CABLE 3M		851 14 290
	2	TRANSFORMER 200KVA 690/4500		85 04 33 00 00
	1	ROV DOMESTIC TRANSFORMER SURFACE 6.6 Kva 690/3000		85 04 32 00 00
	1	DOMESTIC TRANSFORMER ROV 7.2 Kva 690/220		85 04 32 00 00
7	1	CH163/S	High Voltage Adaptator	8504 4030 90
7	1	KPM163F	GFM	8505 4030 90
7	1	6M400D2	Erath Loop Monitoring	8506 4030 90
27	1	COMPUTER		8471490090
21-22	2	32 Inches		8528510090
19-20	1	2 Inches		8528510090
18	1	UPS EATON 5PX 2200		85044090
6	1	Circuit Breaker Compact NSX 630R Micrologic 2.3	LV433700	8536209090
6	1	Motor Mechanism MT400/630 220-240V 50/60HZ 208-277V 60HZ	LV432641	8538909999
6	1	Shunt Trip Voltage MX 220-240V 50/60HZ 208-277V 60HZ	LV429387	8536301090
6	1	Auxiliary contact OC or 1 SD	29450	8536508099
6	1	Circuit Breaker Compact NSX 250 Micrologic 2.2	LV433514	8536209090
6	1	Motor Mechanism MT250 220-240V 50/60HZ 208-277V 60HZ	LV431541	8538909999
6	1	Circuit Breaker NSX100R - Micrologic 2.2 - 40 A - 3 P 3d	LV433270	8536201090
6	1	Motor Mechanisme MT100/160 220-240V 50/60HZ 208-277V 60HZ	LV429434	8538909999
6	1	Processor Module M340 1024 E/S TOR 256 E/S ANA 1 port Modbus -1 port Eth Durci	BMXP342020H	8537109199
6	1	Memory Card SD flash 8 Mo + 8 Mo stockage fichiers Pour processeurs M340	BMXRMS008MPF	8523519000
6	1	power supply 24-48 VDC 31.2 W	BMXCPS3020H	8504409090
6	1	Ruggedized rack M340-6 Slots	BMXXBP0600H	8538100090
6	1	Discrete Input Module M340 16 Inputs	BMXDDI1602H	8538909999
6	1	20 way removable cage clamp	BMXFTB2000	8536901000
6	1	Discrete Input Module M340 16 O relay	BMXDR1605H	8538909999
6	1	Analog input module M340- 4 Inputs 4-20 ma	BMXAMI0410H	8538909999
6	1	Isolated analog input module	BMXAMI0810H	8538909999
6	1	Ethernet TCP/IP switch 8 ports	TCSESU083FNO	8517620000
7	1	Magelis HMIGTU - 12W Touch Advanced Display WXGA	HMIDT651	8537109199
7	1	Magelis HMIGTU. Premium BOX for Universal Panel	HMIG3U	8537109199
7	1	Zelio Analog - Isoled Analog Converter - 0..5 A	RMCA61BD	8537109899
6	1	Zelio Analog temperature transmitter - 100..100 °C/148..212 °F	RMPT20BD	8543709099
6	2	Acti9. RTBT Extra low voltage relay iRTBT - 10mA/10VDC - 5A/250VAC - 12...24 VAC/	A9A15416	8536490099
6	4	Acti9. IRLI Changeover relay iRLI 10A 2P Uc 230V-240VAC Ue 250VAC	A9E15535	8536490099
6	2	Acti9. iERL Changeover relay extension iERL 10A 2P Uc 230V-240VAC Ue 250VAC	A9E15539	8538909999
6	1	Harmony Ø22 - white complete pilot light Ø22 plain lens with integral LED 230...240	XB48VM1	8531807000
6	1	Harmony Ø22 - white complete pilot light Ø22 plain lens with integral LED 24V.	XB48VB1	8531807000
6	1	Harmony Ø22 - orange complete pilot light Ø22 plain lens with integral LED 230...24	XB48VM5	8531807000
6	2	Harmony Red Ø40 Emergency stop, switching off Ø22 latching turn release 1NC+1NC	XB48S8445	8536508099

6	1	C60H-DC disjoncteur 500Vdc 5A 2P C	A9N61525	8536201090
6	1	Prodis. miniature circuit breaker - C60H - 2 poles - 5 A - C curve	A9N21023	8536201090
6	1	Prodis. circuit breaker - DT40 - 1P + N - 2A - C curve	A9N21020	8536201090
6	1	Prodis. circuit breaker - DT40 - 1P + N - 4A - C curve	A9N21022	8536201090
6	1	ClimaSys CC - simple thermostat 250V - range of temperature 0...60°C - NO - °C	NSYCCOTH0	9032102090
6	1	ClimaSys forced vent. IP54, 300m3/h, 230V, with outlet grille and filter G2	NSYCVF300M230PF	8414592590
7	1	Curent Transformer	192T8060	90303100
7	1	Multifunction function meter	48250201	90303100
7	1	Optional Ethernet Module	48250203	85176200
7	1	Curent Transformer	192T4020	90303100
7	1	Phase controler	3UG4615-ICR20	85364900
7	1	Amper Meter	192B3320	90303330
7	1	Triled	690CA830	8531202090
7	1	PT100 Temperatur probe	370-6587	85364900
7	1	Fuse 14x51 16A	602300016	85361050
7	1	Fuse 14x51 10A	602300010	85361010
7	1	Fuse 14x51 2A	602300002	85361010
4	1	Transformer	21B34PD00C01	85043200
4	1	Transformer	71Q23PD00C01	85043180
8	1	PACIFIC MS3 VIDEO HDMI INPUT CARD (SIB-H)		8525 60 0000
8	1	PACIFIC MS3 VIDEO HD SDI INPUT CARD (SIB-BNC)		8526 60 0000
8	1	PACIFIC MS3 VIDEO HDMI OUTPUT CARD (SOB-H)		8527 60 0000
8	1	PACIFIC MS3 VIDEO KVM CARD (SIB-KM)		8528 60 0000
8	1	PACIFIC MS3 VIDEO MASTER VIDEO CARD		8529 60 0000
14	1	VIDEO SPLITTER BOARD MD-SDI		85255000
14	1	VIDEO SPLITTER SUPPLY PS 0G3 450		85255000
1	1	SNAP PACK S1		9032 90 00
1	2	Ethernet Bulkhead RJF 544		8536901000
1	2	24 Pins ITT CA3102E24-28S		8536901000
1	2	19 Pins ITT CA3102E22-14S		8536901000
1	1	10 Pins ITT 97-3102E18-1S		8536901000
1	1	YELLOW LIGHT 5V (234-9436)		85395000
1	1	RED LIGHT 24V (234-9593)		85395000
1	1	GREEN LIGHT (234-9458)		85395000
1	1	SNAP PACK EB1		9032 90 00
1	1	SNAP RCK 16		9032 90 00
1	1	SNAP AIV 8		9032 90 00
1	1	SNAP IDC32		9032 90 00
1	1	SNAP OMR6C		9032 90 00
1	1	SNAP HD ACF6		9032 90 00
1	1	SNAP HD CBF6		9032 90 00
1	10	TERMINAL 3 STAGE UT 2.5 (3214259)		85369010
1	5	TERMINAL 8 PIN MSTB 2.5/8 ST 5.08		85369010
1	5	TERMINAL 12 PIN MSTB 2.5/12 ST 5.08		85369010
1	1	POWER SUPPLY TMP 15105C		8504400
1	2	POWER SUPPLY TMP 60124C		8504400
1	1	POWER SUPPLY TML 40205C		8504400
1	1	Ethernet Switch 8 ports (2048B)		85176200
1	1	RED LIGHT 230V (210737)		85395000
1	1	GREEN LIGHT 230V (210759)		85395000
1	1	RELAY (385-929)		85395000
1	1	RELAY SUPPORT (400-9146)		85364900
1	1	Joystick 3 Axis		85366190
1	1	Sliders ((219-9089)		85334010
1	2	Red Knob		76169990
1	2	On/Off Light Button FDAP1F1282F4		8536508099
1	2	Switch 2 Pole 3547		8536508099
1	2	Switch 1 pole 3537		8536508099
1	1	Joystick 2 Axis		8536508099
1	1	Switch Guard		3917400099
1	2	knob diam 16mm KLN500B1/4		76169990
1	2	knob dia 23mm KLN700B1/4		76169990
1	2	Potentiometer 10K (522-5074)		85334010
1	1	MULTIDYNE HD SDI OUTPUT BOARD		8543200000
1	1	MULTIDYNE ETHERNET BOARD		8543200000
1	1	MULTIDYNE FIBER BOARD		8543200000
1	1	MUX Focal GEM (1611)		85176200
1	1	MUX FOCAL SER CARD		85176200
1	2	BNC-BNC COUPLING		85366990
1	5	DB9M		85366990
1	2	OPTICAL ST-ST		85367000
1	2	BNC BNC 75 Ohms COUPLING		85367000

1	1	FIBER DUAL ST-LC 1M (CO2008LCST1)		9001101000
1	1	FIBER DUAL LC-LC 1M (135-597)		9001101000
		SOFTWARES		
2 J K	4	USB stick Kongsberg - Software GUI		847170
23 I	2	USB stick Teledyne - Software ProViewer 4		847170
0	1	USB Stick SGBrown TSS - Software TSS		847170
		CABLES		
5	1	Burton	6651-3204/5551-3204/171V5000v	851 14 290
5	1	Burton	6631-2403/5531-2403/171V3000v	851 14 290
5	2	Burton	5501-2021/5501-2021/181V600V	851 14 290
5	1	Burton	5501-2006/6601-2006/171V600v	851 14 290
5	1	Burton	6601-1608/5501-1508/201V600v	851 14 290
5	1	Burton	5501-3203/6601-3203/171V600v	851 14 290
5	1	Burton	5501-2008/6601-2008/241V600v	851 14 290
5	1	Burton	6601-2412/5501-2412/101V600v	851 14 290
5	1	Burton	6601-1608/5501-1508/101V600v	851 14 290
5	1	SUBCONN	MCIL2M/MCIL2F/5m/300v	851 14 290
5	1	SUBCONN	MCIL2M/MCIL2F/9m/300v	851 14 290
5	1	SUBCONN	MCIL3M/MCIL3F/5m/300v	851 14 290
5	1	SUBCONN	MCIL3M/MCIL3F/7m/300v	851 14 290
5	1	SUBCONN	MCIL8M/IL8F/7m/300v	851 14 290
5	1	SUBCONN	MCIL6M/MCIL6F/6m/300v	851 14 290
5	1	SUBCONN	MCIL4M/MCIL4F/6m/300v	851 14 290
5	1	SUBCONN	MCIL5M/MCIL5F/7m/300v	851 14 290
5	1	SUBCONN	IL4M/IL8F/7m/300v	851 14 290
5	1	SUBCONN	CCPA -4 fibers/CCPA -4 fibers/5m	851 14 290
5	1	SUBCONN	OIL8M/OIL8M/4m/300v/ethernet	851 14 290
5	1	FET	MCIL2M/331-7569/2m/straight	851 14 290
5	1	FET	MCIL2M/331-7569/4m/straight	851 14 290
5	2	FET	3M/2 x 331-7569/3,5m+0,5m - Y cable	851 14 290
5	2	CRE	PLM06M700015349PLM06F	851 14 290
		BULKHEADS		
2	1	Burton	6657-3204-PE04	8 536 901 000
2	1	Burton	6637-2403-0004	8 536 901 000
2	2	Burton	5507-2021-0004	8 536 901 000
2	1	Burton	6607-1608-0004	8 536 901 000
2	1	Burton	6607-2008-0004	8 536 901 000
2	1	Burton	6607-2006-0004	8 536 901 000
2	1	Burton	6607-2412-0004	8 536 901 000
2	1	Burton	5537-2403-0004	8 536 901 000
2	1	Burton	5507-2006-0004	8 536 901 000
2	1	Burton	5507-3203-0004	8 536 901 000
2	1	Burton	5507-2008-0004	8 536 901 000
2	1	Burton	6607-3203-0004	8 536 901 000
2	2	Subcon	MCBH2F-SS	8 536 901 000
2	2	Subcon	MCBH2M-SS	8 536 901 000
2	1	Subcon	MCBH3F-SS	8 536 901 000
2	1	Subcon	MCBH3M-SS	8 536 901 000
2	1	Subcon	MCBH4F-SS	8 536 901 000
2	1	Subcon	MCBH4M-SS	8 536 901 000
2	1	Subcon	MCBH5F-SS	8 536 901 000
2	1	Subcon	MCBH6F-SS	8 536 901 000
2	1	Subcon	MCBH6M-SS	8 536 901 000
2	1	Subcon	MCBH58F-SS	8 536 901 000
2	2	Subcon	FCR-1503F-SS	8 536 901 000
2	1	Subcon	BCR-2004F-SS	8 536 901 000
2	1	Subcon	DBCR2008F-SS	8 536 901 000
2	1	Subcon	BCR-A 4 Fibers Oil Filled	8 536 901 000
2	1	CRE	BRM06MCX09002401	8 536 901 000
2	1	CRE	BRM06FCX09002401	8 536 901 000
3	1	O ring D520x6		8484 20 00
	1	ROV DOMESTIC TRANSFORMER ROV 5 Kva 3000/2*110		8504 31 80
3	2	O ring D342,27x6,99		8484 20 00
1	1	SNAP AOV25		9032 90 00
1	1	SNAP IDC5		9032 90 00
1	1	SNAP SCM 232		9032 90 00
1	1	SNAP AIVI		9032 90 00
1	1	SNAP AIRTD		9032 90 00
1	1	SNAP AIMA 8		8504 40 00
1	1	POWER SUPPLY TMP 30105C		8504 40 00
1	1	POWER SUPPLY TMP 15124C		8504 40 00
1	1	TIW 06-105		8505 40 00

1	10	TERMINAL 2 STAGE UKK 3		85369010
1	5	TERMINAL 8 PIN MSTB 2.5/8-ST-5.08		85369010
1	5	TERMINAL 12 PIN MSTB 2.5/12-ST-5.08		85369010
1	1	SOCOMEI ISOLATION GUARD AS425		90318080
1	1	MULTIDYNE HD SDI INPUT BOARD		85176200
1	1	MULTIDYNE ETHERNET BOARD		85176200
1	1	MULTIDYNE FIBER BOARD		85176200
1	1	PT100 SENSOR SFC50		85364900
	1	O ring 285.1x6.99		8484 20 00
1	1	SNAP IDC16		9032 90 00
1	1	POWER SUPPLY TMP 30124C		8504 40 00
1	1	POWER SUPPLY TXL 150-24S		8504 40 00
1	1	POWER SUPPLY TXL 230-24S		8504 40 00
1	1	Ethernet Switch 4 ports		85176200
1	1	MUX 907 GEM (1591)		8517 62 00
	1	O ring 285.1x6.99		8484 20 00
3	4	O ring D129,5x5,33		8484 20 00
		VALVE PACK		
3	8	NO Solenoid 8M4D32		84812010
3	1	NO Solenoid 8M4Z30		84812010
3	4	Proportionnal solenoid		84812010
1	1	PCB		85176200
		TCU		
3	1	Servo valve		84812010
1	1	PCB		85176200
		THRUSTER		
	2	Full thruster HT 390		8412292090
		FILTER		
9	8	Filter Element (HP/ BP Same)		842199099
14	3	Filter Element (Motor cooling)	EPF1110QI8	84219990
25	1	Full HPU line: frame+motor 150kW+motor cooler system+hydraulic pump		8412292090/84137029
	1	PT 100 SENSOR OIL TANK		
3	2	O ring D234,3x6,99		8484 20 00
	1	Rear tool cylinder		8412 31 00
3	1	Spare kit Rear tool cylinder		8412 31 00
	1	Front Tool / TSS cylinder		8412 31 00
3	1	Spare kit Front tool cylinder		8412 31 00
4	1	Compensator 370cc		9032890090
4	1	Compensator 860cc		9032890090
4	1	Compensator 2700cc		9032890090
	1	Compensator 13,5l		9032890090
	2	Full jetting line: frame+motor 125kW+motor cooler system+elastic coupling+mechanical coupling+jetting pump		8501330099/84137029
13	2	Refurbishment Spare Kit (roller bearing, O ring ...)		84821090/8484 20 00
	1	Front tool swords set + nozzles		8487905790
3	1	Front tool O ring kit		8484 20 00
26	1	Rear tool legs swords set		8487905790
3	1	Rear tool legs nozzles set		8487905790
3	1	Rear tool legs O ring kit		8484 20 00
3	2	Depressor rollers 250		8487905990
3	2	Depressor rollers 400		8487905990
3	1	Load cell garos		90318080
15	1	Manipulator Refurbishment kit		8479 90 70 99
1	1	Pressure sensor 0-400		902 62 040
1	1	Pressure sensor 0-600		902 62 040
3	2	O ring 139.7x533		8484 20 00
1	1	TCMX8 COMPASS		9014100030
3	1	O ring R43		8484 20 00
11	1	Simec camera		8525801990
11	1	Camera CT		8525801990
12	1	PAN AND TILT Kongsberg OE10-104		
17	1	Field service kit TSS440		9015 80 80 00
16	1	Field service kit TSS350		9015 80 80 00
23	1	SONAR		9015 80 80 00
11	1	ALTIMETER		9015804000
11	1	APHOS4		94 054 099
11	1	APHOS16		94 054 099
B	4	APHOS4		94054099
B	3	APHOS16		94054099
B	2	COMPASS		
B	2	APHOS 16 HOLDER		8487905990
A	4	CAMERA SIMEC		8525801990

A	2	CAMERA CT			8525801990
A	1	CAMERA CT3017 HOLDER			8487905990
A	1	LIFTING SET			8487905790
	64	FLEXLINK - OUTER ELEMENT HALF			89079000
	4	FLEXLINK - OUTER ELEMENT HALF PU			39095090
	4	TRANSITION PIECE HALF			39095090
	68	FLEXLINK - INNER ELEMENT HALF			39095090
	4	M8X60 LG HEX HEAD SCREW			7318156290
	592	M8 PLAIN WASHER			73182200
	296	M8 HEX NUT			7318163990
	136	M8 X 75 LG HEX HEAD SCREW			7318156290
	20	M8 X 85 LG HEX HEAD SCREW			7318156290
	136	M8 X 100 LG HEX HEAD SCREW			7318156290
	8	RATCHET STRAP			63079098
	4	SLING 3T			63079098
	4	SHACKLE 12T			73269099
	8	SHACKLE 6,5T			73269099
	1	CHAIN HOIST 2T			84251920
	1	CHAIN 4 LEGS			73269099
10	8	ORANGE STRAP 3M 4T			63079098
10	4	YELLOW SLING 2,5M 3T			63079098
S T	2	TRACKS LEGS			8487905790
D	1	DEPRESSOR 250 KIT			8487905790
D	1	EXTRACTION WINCH			8487905790
D	2	P&T GUSSETS			8487905790
J K L	3	PAN AND TILT Kongsberg OE10-104			8525 8019 90
M	1	VACUUM TEST KIT			8487905790
N	1	TSS 350 COILS KIT			9015 80 80 00
O	1	POD TSS 350 KIT			9015 80 80 00
P	1	CONAN MANIPULATOR JOYSTICK			8479907099
G	1	CONAN MANIPULATOR JUNCTION BOX			8479907099
H	1	TELEDYNE TSS440 POD KIT			9015 80 80 00
I	1	SONAR BLUEVIEW			9015 80 80 00
Q	1	GRIPPER 10-50			84 662 098
R	1	GRIPPER 10-80			84 662 098
	2	2,7 PINT COMP SPRING			73209090
11	1	Cable	PRM06F700015349PLM06M		851 14 290
28	2	TSS ARM			8487905990
A	2	CABLE GLAND M63x1,5 29/35	490702		39 269 097
A	6	TSS 350 PROTECTORS			8 487 905 990
A	1	MOTOR LINE SS SLIDER			8487905790
A	1	COMPENSATOR MAGNETS SET			8525801990
11	1	CABLE GLAND M63x1,5 29/35	490702		39 269 097
U	10	Silent block - Screen Wall			84879057
U	50	Rectangular spacer patch - Screen Wall			84879057
U	15	Silent block plate - Screen Wall			84879057
U	6	Bar strut - Screen Wall			84879057
U	12	Rectangular spacer ring - Screen Wall			84879057
U	12	Screw inox DIN CHC M12x50 - Screen Wall			84879057
U	40	Support angle Delrin - Screen Wall			84879057
U	10	Support angle Steel - Screen Wall			84879057
U	50	Screw inox DIN CHC M6x50 - Screen Wall			73181639
U	100	Washer inox M6 - Screen Wall			73181639
U	100	Nylock Nut inox M16 - Screen Wall			73181639
U	1	Loctite 577 thread sealant 50mL			15159060
U	3	Mounting bracket Steel - Screen Wall			84879057
U	1	Inox Fixings Set - Screen Wall			73181639
	2	OIL TELLUS 32 TANK			27 101 999
	2	OIL PETROCANADA ENVIRON 32			27 101 999
E	1	CONAN MANIPULATOR JOYSTICK			8479907099
F	1	CONAN MANIPULATOR JOYSTICK			8479907099
	1	OMS125 motor	151F0537		84122981
	1	Reducer	701C112C6D4HP		84137029
14	2	Capillary hoses DN2 6m - for pressure sensor			83071000

29	2	Hoses 462-16 900mm	FL01		83071000
29	2	Hoses 462-6 2000mm	FL02		83071000
29	1	Hoses R15DN38 1000mm	FL03		83071000
29	1	Hoses R15DN38 635mm	FL04		83071000
29	4	Hoses 462-6 700mm	FL05		83071000
29	6	Hoses 462-4 4000mm	FL06		83071000
29	2	Hoses R7-1/4 700 bar 4000mm	FL07		83071000
29	6	Hoses 462-6 430mm	FL08		83071000
29	2	Hoses 462-4 430mm	FL09		83071000
29	4	Hoses 462-6 1060mm	FL10		83071000
29	2	Hoses 462-6 725mm	FL11		83071000
29	8	Hoses 462-10 500mm	FL12		83071000
29	8	Hoses 462-10 600mm	FL13		83071000
29	8	Hoses 462-10 1000mm	FL14		83071000
29	8	Hoses 462-10 800mm	FL15		83071000