EXPORT PRICE LIST 2023

A	HYDRAULIC GENERATORS			EUR
	STANDARD MODELS WITH PROTECTION CLASS IP23			
D100300187	HG3,5S-E230SE23-15-VF	3,5kVA, 230V, single phase, 50Hz		1,450
D100300225	HG5S-E230SE23-21-VF	5kVA, 230V, single phase, 50Hz		1,740
D100300285	HG6,5E-E400ST23-34-VF	6,5kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	2,310
D100300355	HG10E-E400ST23-49-VF	10kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	2,720
D100300420	HG12F-E400ST23-54-VF	12kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	3,680
D100300732	HG19F-E400SS23-63-VF	19kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	4,590
D100300748	HG19F-E400SS23-79-VF	19kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	5,295
D100300810	HG26G-E400ST23-79-K	26kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	7,245
D100300820	HG35G-E400ST23-100-K	35kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	8,195
D100102040	HG45C-E400SS23-90-K	45kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	9,590
D100102280	HG65C-E400SS23-120-K	65kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	11,495
D100102360	HG80C-E400SS23-180-K	80kVA, 230/400V, 3-phase, 50Hz	AVR - 3000rpm	12,075
		80-350kVA and other special models		Ask for quote
	STANDARD MODELS WITH PROTECTION CLASS IP54			
D100300500	HG4,1W-E230SE54-25-VF	4,1kVA, 230V, 1-phase, 50Hz IP54		3,770
D100300575	HG6,6W-E400ST54-34-VF	6,6kVA, 230/400V, 3-phase, 50Hz IP54		4,145
D100300595	HG10,1W-E400ST54-49-VF	10,1kVA, 230/400V 3-phase, 50Hz IP54		4,690
D100300615	HG12,1W-E400ST54-54-VF	12,1kVA, 230/400V, 3-phase, 50Hz IP54		5,095
D100300630	HG15,1W-E400ST54-63-VF	15,1kVA, 230/400V, 3-phase, 50Hz, IP54		6,460
D100300650	HG20,1W-E400ST54-78-K	20,1kVA, 230/400V, 3-phase, 50Hz IP54		9,325
D100102770	HG30,1W-E400ST54-90-K	30,1kVA, 230/400V, 3-phase, 50Hz, IP54		11,795
	STANDARD MODELS, 60 Hz			
D100300181	HG3,7S-U120ST23-18-U	3,7kW, 120V, single phase, 60Hz		1,590
D100300326	HG6E-U120PZ23-30-U	5,5kW, 120V, single phase, 60Hz		2,670
D100300327	HG8E-U240PZ23-40-U	8kW, 240V, single phase, 60Hz		3,190
D100300760	HG14F-U240PZ23-58-U	14kW, 240V, single phase, 60Hz		5,105
D100300815	HG18G-U240PZ23-95-U	18kW, 240V, single phase, 60Hz		6,375
	STANDARD MODELS, DC			
D100102607	HG1kW-14VDC23-12-K	14VDC, 70 Amp		1,730
D100103360	HG2kW-28VDC23-24-K	28VDC, 70 Amp		2,050
D100105055/D100105050	**OPTIONAL EQUIPMENT:**	Separate electric central, cable max 10 m	HG 6,5...10 kVA	+875
D100105130/D100105150/D100105170		Separate electric central, cable max 10 m	HG 12...20 kVA	+1375
700262900		Operation switch for single use (incl. Emergency stop)	HG 3,5 and 80 kVA	+755
700263000		Operation switch for dual use (incl. Emergency stop)	HG 3,5 and 80 kVA	+835
9900007030		Weather protector (cover)	HG 6,5...10 kVA	+80
	ADD-ON INSTALLATION VALVES			
D4001046..	SV40-LS-VR-D3007-12/24V	Solenoid valve with oil flow limiter and LS	HG 3,5...6,5kVA	+495
D4001046..	SV70-LS-VR-D3007-12/24V	Solenoid valve with oil flow limiter and LS	HG10...12kVA	+540
D400104620	PR-D3007-FLC3	Pressure relief for RPM-control cartridge	HG3,5...12kVA	+355
D400104650/D400104655	SV50-3/2-D3007-12V/24V	3/2 Solenoid valve	3,5-6,5	+455
D400104700/D400104705	SV150-3/2-D3007-12V/24V	3/2 Solenoid valve	3,5-12	+675

B	VARIABLE HYDRAULIC GENERATORS			EUR
	HGV POWER BOX IP54			
	HGV Power Box 6,6kVA -45cc LS	pump rpm 750 - 4000		14,025
D100202010	HGV Power Box 10,1kVA -60cc LS	pump rpm 850 - 4000		14,990
D100202015	HGV Power Box 15,1kVA -90cc LS	pump rpm 700 - 3000		18,330
D100202020	HGV Power Box 20,1kVA -140cc LS	pump rpm 650 - 3000		22,105
D100202030	HGV Power Box 30,1kVA -140cc LS	pump rpm 650 - 3001		23,950
	VARIABLE HYDRAULIC GENERATOR SYSTEM IP23 (COMPONENT KIT)			
D100201160	HGV 6,5kVA 400 V - H 60 LS	pump rpm 750 - 4000		9,630
D100201166	HGV 10kVA 400 V - H 90 LS	pump rpm 850 - 4000		10,310
D100201179	HGV 12kVA 230 V - H 110 LS	pump rpm 800 - 3000		12,780
	HGV 19kVA 400 V - H 110 LS	pump rpm 700 - 3000		14,390
	HGV 26kVA 400 V - H 130 LS	pump rpm 650 - 3000		17,465
	OPTIONAL EQUIPMENT:	Extra hydraulic PTO (50lpm) for example to winch		+585

C	HYDRAULIC WELDING GENERATORS			EUR
D110201020	HWG 180/6 kVA-34-VF	230 VAC 3 kVA, 400 VAC 6 kVA		3,080
D110201050	HWG 220/6 kVA-49-VF	230 VAC 3 kVA, 400 VAC 6 kVA		3,410
D110201080	HWG 300/10 kVA-54-VF	230 VAC 4 kVA, 400 VAC 8 kVA		5,245
D110201090	HWG 400/10 kVA -79-VF	230 VAC 4 kVA, 400 VAC 10 kVA		6,480

D	HYDRAULIC MAGNET GENERATORS			EUR
	HYDRAULIC MAGNET GENERATORS			
D120201125	HMG PRO 3kW-220VDC-21	New control, demagnetization 0,8s		3,510
D120201122 NEW MODEL*		Dsmart compatibility	Available in June	
D120201165	HMG PRO 6kW-220VDC-34	- " -		5,415
D120201167 NEW MODEL*		Dsmart compatibility	Available in June	
D120201150	HMG PRO 10kW-220VDC-49	- " -		6,635
D120201152 NEW MODEL*		Dsmart compatibility	Available in June	
D120201190	HMG PRO 12kW-220VDC-59	- " -		7,630
D120201205	HMG PRO 15kW-220VDC-65	- " -		9,585
D120203050 NEW MODEL*		Dsmart compatibility	Available in June	
D120201215	HMG PRO 20 kW 220VDC -92	- " -		12,100
D120202035 NEW MODEL*		Dsmart compatibility	Available in June	
D129019396	HMG PRO 30 kW 220 VDC -120	- " -		14,960
D120202050	HMG PRO 40 kW 220 VDC -165	- " -		19,895
D120101860	DSMART WIRING HARNESS - 5 m		Available in June	
	COMBI MAGNET GENERATORS (using general hydraulics, installation in top of the magnet)			
D120201255	CMG PRO 3kW-220VDC-21	New control, demagnetization 0,8s		4,165
D120201251 NEW MODEL*			Available in June	
D120201265	CMG PRO 6kW-220VDC-34	- " -		5,990
D120201261 NEW MODEL*			Available in June	
D120201280	CMG PRO 10kW-220VDC-49	- " -		7,130
D120201281 NEW MODEL*			Available in June	
D120201270	CMG PRO 12kW-220VDC-59	- " -		8,225
D120201290	CMG PRO 15kW-220VDC-65	- " -		10,190
D120201292 NEW MODEL*			Available in June	
D120201295	CMG PRO 20kW-220VDC-92	- " -		12,605
	CMG PRO 30 kW 220 VDC-120	- " -		15,385
	CMG PRO 40 kW 220VDC -165	- " -		19,195
D120101820	**OPTIONAL EQUIPMENT:**	HMG wiring set Pro	Cabin control wiring with switches	+250
D120101880		Magnet cable kit: MAG 3 kW	Cable 20m to the boom with plug	+180
D120101960		Magnet cable kit: MAG 6-10 kW	Cable 20m to the boom with plug	+250
D120102040		Magnet cable kit: MAG 12-15 kW	Cable 20m to the boom with plug	+395
D120102120		Magnet cable kit: MAG 20-30 kW	Cable 20m to the boom with plug	+595

	LIFTING MAGNETS			
D120102200	Lifting magnet MAG 700UL/3,0 kW	(HMG3)	Weight 290 kg	7,450
D120102280	Lifting magnet MAG 900L/4,9 kW	(HMG6)	Weight 650 kg	13,090
D120102360	Lifting magnet MAG 1000M/5,5 kW	(HMG6)	Weight 780 kg	14,905
D120102440	Lifting magnet MAG1200L/9,0 kW	(HMG10)	Weight 1100 kg	21,450
D120102520	Lifting magnet MAG 1400L/10,0 kW	(HMG12)	Weight 1510kg	29,590
D120102600	Lifting magnet MAG1500H/12,5 kW	(HMG15)	Weight 2950 kg	Ask for quote
D120102680	Lifting magnet MAG1600M/15 kW	(HMG20)	Weight 3300 kg	Ask for quote
D120102760	Lifting magnet MAG1600H/16 kW	(HMG20)	Weight 3850 kg	Ask for quote
D120102840	Lifting magnet MAG1800H/20kW	(HMG30)	Weight 4350 kg	Ask for quote
	OPTIONAL EQUIPMENT:	HMAG or magnet with claws -C		+990
	Also special magnets available by request; e.g. rectangular shapes, high power, underwater...			Ask for quote
	HYDRAULIC MAGNETS			
D120201305	HMAG700 PRO-21-K	Oil flow need 22 lpm Weight 440kg		13,495
D120201330	HMAG900 PRO-34-K	Oil flow need 35 lpm Weight 850kg		20,690
D120201365	HMAG1200 PRO-49-K	Oil flow need 50 lpm Weight 1500kg		30,390
D120201385	HMAG1400 PRO-59-K	Oil flow need 55 lpm Weight 3000kg		41,795
	Lifting chains included. Quick coupling also available, ask for offer.			
		Adapter plate for quick coupling:	For HMAG700PRO	+540
			For HMAG900PRO	+1100
			For HMAG1200PRO	+1400
		Quick coupling kit suitable for your machine	(e.g. S60, Steelwrist etc)	
E	**HYDRAULIC HIGH PRESSURE PUMPS**			**EUR**
	Type: HPW, max. water pressure bar / max. water flow l/min - max. oil flow l/min.			
D200100500	HPW 160 / 18 - 18 - UV	Water pressure unloader valve, pressure gauge		1,490
D200104600	HPW 250 / 30 - 40 - ST	Water pressure unloader valve, pressure gauge		1,755
D200101340	HPW 420 / 20 - 50 - PA	Water pressure unloader valve		5,405
D200101500	HPW 220 / 50 - 70 - PA	Water pressure unloader valve, pressure gauge		3,095
D200101660	HPW 520 / 30 - 85 - PA	Water pressure- unloader valve		6,100
D200101820	HPW 90 / 150 - 85 - PA	Water pressure unloader valve, pressure gauge		3,775
D200101980	HPW 180 / 90 - 115 - PA	Water pressure- unloader valve		4,570
D200102140	HPW 460 / 50 - 115 - PA	Water pressure- unloader valve		7,115
D200104920	HPW 320 / 75 - 125 - PA	Water pressure- unloader valve		7,145
D200102300	HPW 130 / 180 - 140 - PA	Water pressure- unloader valve		6,790
D200102630	HPW 300 / 300 - 350 - LS	LS -water pressure control, hydr. pressure max. 270bar		24,230
D200100800	HPW160 / 18 - 18	Base pump		1,250
D200104500	HPW 250 / 30 - 40	Base pump		1,590
D200101420	HPW 420 / 20 - 50	Base pump		4,750
D200101580	HPW 220 / 50 - 70	Base pump		2,825
D200101740	HPW 520 / 30 - 85	Base pump		5,250
D200101900	HPW 90 / 150 - 85	Base pump		3,360
D200102060	HPW 180 / 90 - 115	Base pump		3,990
D200102220	HPW 460 / 50 - 115	Base pump		6,335
D200104900	HPW 320 / 75 - 125	Base pump		6,405
D200102380	HPW 130 / 180 - 140	Base pump		6,130
D200102540	HPW 800 / 30 - 140	Base pump		8,930
D200102590	HPW 1000 / 30 - 140	Base pump		9,070
D200102700	HPW 1600 / 15 - 140	Base pump		14,070
	HPW 360 / 220 - 360	Base pump		18,470
D200102640	HPW 300 / 300 - 350	Base pump		19,790
D200103000	HPW 1200 / 100 - 440	Base pump		36,670

D200101188	**HPW250 Mobi**, Power Washer 250bar 30lpm, Complete, Ready to use			2,150
	-HPW250washer, Carrying frame+wheels, Press.hose 10m, Pistol ST2300-800-SW, suction hose, Hydr.hoses 2,5m+TR			
D200101505	**HPW220 Mobi**, Power Washer 220bar 50lpm, Complete, Ready to use			3,300
	-HPW220washer, Carrying frame+wheels, Press.hose 10m, Pistol ST2300-800-SW, suction hose, Hydr.hoses 2,5m+TR			
D200101186	**HPW250 Van**, Power washer 250bar 30lpm, Complete , Ready to use			2,090
	-HPW250 washer (VK), Press.hose 10m, Pistol ST2300-800-SW, suction hose, Hydr.hoses 2,5m (to connect to van's power steering)			
D200112000	**HPW250 FOX**, Power washer 250bar 30lpm, Complete, Ready to use			2,150
	-HPW250washer, Press.hose 10m, Pistol ST2300-500-ST357 (turbo nozzle), suction hose, Hydr.hoses 2,5m+TR			

	P/T-Block OPTIONS:			
	Pressure reducer and flow limiters			
0409024025	PT-Block VR-PA	For HPW160		+325
0409017183	PT-Block R1/2-VR-PA	For HPW250, HPW420		+325
0409017218	PT-Block R3/4-VR-PA	For HPW520, HPW180, HPW90, HPW460, HPW130, HPW800		+820
	LS-water pressure control			
0409017371	PT-Block R1/2-AL-LS	For HPW250, HPW420		+340
0409017216	PT-Block R3/4-AL-LS	For HPW520, HPW180, HPW90, HPW460, HPW130, HPW800		+790
	Free flow			
0409017816	PT-block R1/2 2_2 free flow	For HPW250, HPW420		+410
0409017830	PT-block R3/4 2_2 free flow	For HPW520, HPW180, HPW90, HPW460, HPW130, HPW800		+840

F	**HIGH PRESSURE WASHING EQUIPMENT**			**EUR**
D210104150/60	ST2300-SW-xxx-25xx	Washing pistol 50 l/min 310bar, length 800 or 1200 mm, complete		145
D210104230	ST2300-ST54-25xx	Washing pistol: duplex spraying pipe, regulation handle length 1200 mm		175
D210104310	RL124-xxx-25xx	Washing pistol 120 l/min 125bar, length 800 mm, complete		220
D210104390	ST3600-1000-25xx	Washing pistol, 80 l/min 600 bar, length 1000 mm, complete		490
D210104470	SP1000-800-00xx	Washing pistol, 80 l/min 1000 bar, length 800 mm, complete		2,835
D210104025 New design		Washing pistol, 50l/min electric control, G3/8 - 250bar		595
D210104063 New design		Washing pistol, 50l/min electric control, G3/8 - 630bar		800
D210104070 New design		Washing pistol, 20l/min (max. 30 l/min) electric control, HP - 1000bar		2,570
D210104080 New design		Washing pistol, 15l/min (max. 30 l/min) electric control, HP - 3000bar		2,890
D210104095/D210104090	Connector 12/24 Vdc	For electric controlled washing pistol and solenoid valve control		
	SP3000MB	Washing pistol, 3000bar		5,650
1803510000	xxx-10m/1-R3/8u	Pressure hose 06 250 bar 10 m, M22x1,5 or R 3/8 fitting		95
1803520000	R3/8-20m/1-R3/8u	Pressure hose 06 250 bar 20 m, R 3/8 fitting		160
1803560000	R½-20m/2-R½u	Pressure hose 08 200 bar 20 m, R½ fitting		195
1803545100	R3/8 -20m/R9-R3/8u	Pressure hose 06 500 bar 20 m, R 3/8 fitting		395
1803551000	M22-20m/102W-xxx	Pressure hose 06 1000 bar 20 m		985
D210105030	PVC25-3m-STR70	Suction hose + filter 1" 3 m, 50 l/min, claw coupling		100
D210105110	PVC32-3m-STR100	Suction hose + filter 1 1/4" 3 m, 90 l/min, claw coupling		180
V100200155	R1 80mesh 80lpm	Suction filter 80mesh 80lpm		115
V100200158	R11/4 80mesh 130lpm	Suction filter 80 mesh 130 l/min		135
V100200160	R11/2 80mesh 220lpm	Suction filter 80 mesh 220 l/min		165
D200101160	CF-HPW200/30	Carrying frame HPW 200/30-45, with handle		190
63065....	MEGxxxx	Spraying nozzle MEG - 1/4 point (0 deg) / fan, 15 ... 65 deg std. 25 deg		25
D210106200 + 6306664...	MT10xx	Water cutting nozzle, sharp point spray (incl. body)		715
6306601000	ST357-xxx	Rotating turbo nozzle 200 bar 25lpm		80

6306608000/6306610000	DPA350-xxx	Rotating turbo nozzle 350 bar		170
630661...	DPA500-xxx	Rotating turbo nozzle 500 bar		970
6306619000	F3-800-xxx	Rotating turbo nozzle 800 bar		1,475
6306622000	F2-1000-xxx	Rotating turbo nozzle 1000 bar		2,080
6306623000	F1-1500-xxx	Rotating turbo nozzle 1500 bar		2,325
D210105900	HRN1-2-18-1600	Hydraulic rotating nozzle 360deg 5-90lpm 100-1600bar, for paint removal and hydrodemolitio		1,535
D215000000	HBN-10-90-4-xxx-R3/8	Hydraulic brush / sector nozzle 90deg 5-90lpm 220 bar		1,285
D219012045	HTN-10-3D-xxx-R1/4	Hydraulic 3D bin washing nozzle, tank etc.		3,100
D215011000	ST55-060	Sand blasting equipment 20 l/min 200 bar		325
D215012000	DPA2504xx	Sand blasting equipment 50 l/min 500 bar, point or fan spray		980
D210106650	LK9021-20m	Hose reel 20m, spring reel-in, with automatic latch, without hose (max550bar)		510
D210106825	LK-9021-20m-RST	Hose reel 20m AIS,spring reel-in, with autom. latch, without hose(max200bar)		1,035
	PIPE CLEANING EQUIPMENT			
6306640000	ST49	Pipe cleaning nozzle, 25 l/min 200 bar, economic basic nozzle		40
6306640010	ST49-R	Pipe cleaning nozzle, rotating, 25l/min 200bar, especially for subsurface drains		90
6306640030	VRE-P14-x	Pipe cleaning nozzle 1/4" 20lpm 420bar		255
6306643000	VRE-P12-x	Pipe cleaning nozzle 1/2" 50lpm 180bar		370
6306646000	VRE-P34-x	Pipe cleaning nozzle 3/4" 90lpm 180bar		400
6306649000	VRE-S14-x	De-icing nozzle 1/4" 30lpm 200bar		235
6306655000	VRE-S12-x	De-icing nozzle 1/2" 50lpm 180bar		410
6306658000	VRE-S34-x	De-icing nozzle 3/4" 90lpm 180bar		580
6306659000	VRE35-10xx	Root cutter with rotating chain, 90 l/min 180 bar		1,890
	STREET WASHING EQUIPMENT			
V105065520/V105065500	KPxxx-9x6501-D27	Street washing pipe 9 nozzles, 30 l/min 200 bar, L= 1200 ... 1650 mm		540
V105065580	KPxxx-9x6502-D33	Street washing pipe 9 nozzles, 50 l/min 180 bar, L= 1650 ... 2200 mm		585
V105061700/V105065590	KPxxx-10x6506-D33	Street washing pipe 10 nozzles, 150 l/min 90 bar, L = 1650 ... 2800mm		1,100
D215000000	HBN-10-90-4-xxx-R3/8	Hydraulic brush / sector nozzle 90 deg 5-90lpm 220 bar		1,305
	FIRE FIGHTING EQUIPMENT			
	Look page 8.			
	OTHER EQUIPMENT FOR HIGH PRESSURE WASHING			
D210107010	WHU110/200-12V	Water heating unit 200bar, 110kW, diesel (25lpm delta t=58C)		4,955
D210107011	WHU110/200-24V	Water heating unit 200bar, 110kW, diesel (25lpm delta t=58C)		4,955
D210107013	WHU110/500-12V	Water heating unit 500bar, 110kW, diesel (25lpm delta t=58C)		5,465
D210107014	WHU110/500-24V	Water heating unit 500bar, 110kW, diesel (25lpm delta t=58C)		5,465
6306480100	ST60-R3/8	Washing injector R 3/8, adjustable mixing ratio		45
6306688000/D210107400	MP1"-xx-R3/8	Mud pump / filling pump, 200 l/min/Injector 1", without hose		180
D210105250		-strainer for MP1" Mud pump / filling pump		70
D210107500	MP2"-xx-R1/2	Mud / filling pump, 500 l/min/Injector 2", strainer, without hose		255
D219012882	FM2-00xx	Flow multiplier 2" 600lpm 8bar, injector principle		3,195
	MORE SPECIAL EQUIPMENTS AVAILABLE - ASK FROM YOUR SALES CONTACT!			

G	HYDRAULIC SUBMERSIBLE PUMPS			EUR
D400011210 ENDING PRODUCT	HSP600/5-38	Submersible pump, 600lpm, at height of 5m, without hose(dia 140mm)		1,485
D400011200 ENDING PRODUCT	HSP 1500/5-40	Submersible pump, 1500 lpm, at height of 5m, without hose		1,640
D400011220 ENDING PRODUCT	HSP 2600/5-50	Submersible pump, 2600 lpm, at height of 5m, without hose		2,270
D400011250 ENDING PRODUCT	HSP 4000/5-100	Submersible pump, 4000 lpm, at height of 5m, without hose		3,050
D400011300 ENDING PRODUCT	HSP 7000/5-169	Submersible pump, 7000 lpm, at height of 5m, without hose		5,225
D400011310 ENDING PRODUCT	HSP 10 000/5-200	Submersible pump, 10 000 lpm, at height of 5m, without hose		6,220
D405002000 NEW MODEL	HSP900/5-36	Submersible pump, 900 lpm, at height of 5m, without hose	Available in January	1,485
D405002050 NEW MODEL	HSP3000/5-48	Submersible pump, 3000 lpm, at height of 5m, without hose	Available in January	2,270
D405002100 NEW MODEL	HSP6500/5-85	Submersible pump, 6500 lpm, at height of 5m, without hose	Available in January	5,225
D405002150 NEW MODEL	HSP8500/5-135	Submersible pump, 8500 lpm, at height of 5m, without hose	Available in January	6,220
D400011320	HSP 16 000/5-317	Submersible pump, 16 000 lpm, at height of 5m, without hose		7,150

H	DRILLING FLUID PUMPS			EUR
D200106030	HDF40/40-8	max 40bar 40lpm		2,830
D200106300 NEW MODEL	HDF 210/23-35	max 210 bar 23 lpm		2,450
D200106200	HDF 200/40-55	max 200 bar 40 lpm		3,900
D200106050	HDF 90/150-85	max 90 bar 150 lpm		4,500
D200106150	HDF160/70-90	max 160 bar 70 lpm		6,720
D200102660	HDF 250/250-280	max 200 bar 250 lpm		21,725

I	HYDRAULIC COMPRESSORS			EUR
	PISTON COMPRESSORS			
D300104000	HK 450/8 - 14	Air flow 450 l/min, 8 bar, air tank 4 l, weight 37kg		1,850
D300011000 NEW MODEL	HK450/8-15-F-U		Available in May	1,950
D300013000 NEW MODEL "OIL FREE"	HKOF450/8-15	Air flow 450 l/min, 8 bar, air tank 4 l, weight 37kg		2,090
D300101230	HK 1000/12 - 35	Air flow 1000 l/min, 12 bar, Air tank 14 l, weight 80kg		3,410
D300015000 NEW MODEL	HK1000/12-35-F-U		Available in May	3,580
	OPTIONAL EQUIPMENT:	Pneumatic stopping automat -PNE (Pneumatic cut-off)		+320
		Electric stopping automat -E (Electric pressure switch)		+80
		Cyclone air filter for HK 450-Y		+225
		Flow limiting valve to the pressure port -S		+60
		Electric on /off -SV		+250
		Breather tank -H (no HKOF)		+265
	ROTARY VANE COMPRESSORS; 8bar			
D300101310	HKL 400/8 - 24	Air flow 400 l/min, 170/250 bar, weight 31kg		5,100
D300101390	HKL 801/8 - 26-OPE	Air flow 800 l/min, 190/250 bar, weight 50kg		8,190
D300101470	HKL 1300/8 - 38-OPE	Air flow 1300 l/min, 210/250 bar, weight 61,2kg		8,390
D300101550	HKL 1300/8 - 46-OPE	Air flow 1300 l/min, 170/250 bar, weight 61,2kg		8,690
D300101630	HKL 1800/8 - 46-OPE	Air flow 1800 l/min, 210/250 bar, weight 96kg		9,850
D300101710	HKL 2600/8 - 65-OPE	Air flow 2600 l/min, 210/250 bar, weight 106kg		10,850
D300101790	HKL 2600/8 - 82-OPE	Air flow 2600 l/min, 170/250 bar, weight 106kg		10,950
D300101870	HKL 4100/8 - 113-OPE	Air flow 4100 l/min, 200/250 bar, weight 185kg		16,890
D300101950	HKL 5000/8 - 135-OPE	Air flow 5000 l/min, 180/250 bar, weight 185kg		17,990
D300102020	HKL 7500/8 - 138+12-O-PE	Air flow 7500 l/min, weight 330kg		23,120
	SCREW COMPRESSORS; 10bar			
D300103050	HKR500/10-29	Air flow 500 l/min, weight 43kg		3,850
D300020000 NEW MODEL*			Available in July	
D300103100	HKR800/10-43	Air flow 800 l/min, weight 43kg		5,180
D300020200 NEW MODEL*			Available in July	
D300103150	HKR1300/10-37	Air flow 1300 l/min, weight 74kg		6,040
D300020300 NEW MODEL*			Available in July	
D300103200	HKR2000/10-53	Air flow 2000 l/min, weight 74kg		6,790
D300020400 NEW MODEL*			Available in July	
D300103250	HKR2500/10-67	Air flow 2500 l/min, weight 74kg		7,465
D300020500 NEW MODEL*			Available in July	
D300103300	HKR4000/10-104	Air flow 4000 l/min, weight 137kg		11,320
D300020600 NEW MODEL*			Available in July	
D300103350	HKR5000/10-137	Air flow 5000 l/min, weight 137kg		13,360

D300020700 NEW MODEL*			Available in July	
D300103450	HKR7500/10-183	Air flow 7500 l/min, weight 270kg		16,220
D300020800 NEW MODEL*			Available in July	
D300103650	HKR11000/10-184	Air flow 11000 l/min, weight 382kg		24,540
D300020900 NEW MODEL *			Available in July	
D300103680	HKR11000/10-270	Air flow 11000 l/min, weight 382kg		26,470
D300020950 NEW MODEL*			Available in July	
D4001255...	OPTIONAL EQUIPMENT:	Air Cooler And Water Separator Unit up to HKR5000		starting at 900
V10054....		Cyclone air filter		starting at 215
	SCREW COMPRESSORS; 13bar		Available in July	
D300022100 NEW MODEL	HKR600/15-26	Air flow 600 l/min, 15 bar, weight 43kg		4,700
D300022400 NEW MODEL*	HKR2000/13-68			
D300022600 NEW MODEL*	HKR4000/13-125			
D300022800 NEW MODEL*	HKR6500/13-195			
V10054....		Cyclone air filter		starting at 215

J	HYDRAULIC GRINDERS			EUR
D350201150	HHK 200 - 12	Grinding stone 200 mm S = 9...32 mm		910
D350201230	HHK 200 - 17	Grinding stone 200 mm S = 9...32 mm		910

K	HYDRAULIC POWER TAKE OFFS			EUR
	PTO kits for European vehicles	Belt-drive		Ask for quote
	PTO kits for North American vehicles	Belt-drive		Ask for quote
	Customized PTO kits	Belt-drive		Ask for quote

L	HYDRAULIC POWER UNITS			EUR
D400011550	HPU B.S. 18 -38	Hydr.power 38 l/min 210bar,engine 18hv, electric start		8,375
D400011580	HPU D 55 - 150	Hydr.power 150l/min 210bar, engine 55kW,EU Stage IIIb/Tier 5 Final		45,750
D400011585	HPU D 55 -210	Hydr.power 210l/min 210bar, engine 55kW,EU Stage IIIb/Tier 45Final		47,100
D200107050	HRU 800/2x5-45	Rescue tool hydr.unit max 800 bar, 2x5 l/min		4,295
D200107550	HEU320-40-E	Tunneling Rock-bolt (Swellex) expansion unit		7,415
D400011190		Rock bolt expansion pistol (suitable for 31/42mm tools)		665
D400011194		Rock bolt expansion tool 31mm RST		1,080
D400011196		Rock bolt expansion tool 42mm RST		1,095
D400011920	HVB350/9-40	Hydraulic vibration pump 0-5t machines		2,395
D400011910	HVB350/18-60	Hydraulic vibration pump 4-10t machines		2,605
D400011900	HVB350/27-80	Hydraulic vibration pump over 7-20t machines		2,835
D400012010	HVD 18/55-24	Hydraulic directional vibra		1,865
D400012050	HVD 70/35-100	Hydraulic directional vibra		6,060
D400011640	HPI 700/10-25	Hydraulic pressure intensifier		1,950
D400011650	HPI 700/30-75	Hydraulic pressure intensifier		2,050
D409019279	HPIC 700/10-60	Hydraulic pressure intensifier for cylinder		3,495
D409018457	HPIC 700/30-100	Hydraulic pressure intensifier for cylinder		3,520
D409018535	HPIC 700/30-200	Hydraulic pressure intensifier for cylinder		3,520
D409018512	HPIC 700/30-300	Hydraulic pressure intensifier for cylinder		3,460
D400180600	HPIC 700/30-600	Hydraulic pressure intensifier for cylinder		4,190
D400002200	HRC 55/30-80	Hydraulic reversal cylinder		3,140

M M1	ENVIRONMENTAL CARE EQUIPMENT STREET WASHING UNITS FOR WORK MACHINES			EUR
	Note: Quick attachement pair kit sold separately			
D220100105	KPL -S - 250-1250x8 -M	Water 30lpm 250bar, hydr. 45 lpm, container 270 l		4,280
	- For small loaders: Agromatic, Avant, Gehl, Jolly, Kramer, Weidemann, etc. working width 1,5 m			
D2201003...	KPL - M - 250 - 1650x9	Water 30lpm 250bar, hydr. 45 lpm, container 540 l		6,835
	- For little loader: Bobcat, Gehl etc, Wille, LM-track, etc , working width 1,8 m			
D2201005...	KPL - L - 250 - 1650x9	Water 30lpm 250bar, hydr. 45 lpm, container 810 l		7,460
	- For small loaders: Bobcat, Gehl etc, Wille, LM-track, etc, working width 1,8 m			
D2201005...	KPL - L - 220 - 1850x9	Water 50lpm 220bar, hydr. 70 lpm, container 810 l		8,555
	- For small loaders: Bobcat, Gehl etc, Wille, LM-track, etc, working width 2,0 m			
D2201007..	KPL - XL - 220 - 2200x10	Water 50lpm 220bar, hydr. 70 lpm, container 1080 l		9,490
D2201007..	KPL - XL - 180 - 2200x10	Water 90lpm 180bar, hydr. 115 lpm, container 1080 l		10,470
	- For wheel loaders, working width 2,5 m			
	KPL-F & -R Street washing equipment			
D220101300	KPL-F-1650x9x6501-HK	KPL Street washing unit for HPW250 (front part)		1,995
D220108060	**SELECT:**	KPL-R-M-250 Rear cistern with HPW250 high pressure water pump and hose reel kit		6,455
D220108110		KPL-R-L-250 Rear cistern with HPW250 high pressure water pump and hose reel kit		7,155
D220101450		HPW250 high pressure water pump kit for KPL-F		2,640
D220101405		Hose reel kit for KPL-F		920
D220101320	KPL-F-1850x10x65015-HK	KPL Street washing unit for HPW220 (front part)		2,010
D220101340	KPL-F-2200x10x65015-HK	KPL Street washing unit for HPW220 (front part)		2,050
D220108150	**SELECT:**	KPL-R-L-220 Rear cistern wiht HPW220 high pressure water pump and hose reel kit		8,105
D220108200		KPL-R-XL-220 Rear cistern with HPW220 high pressure water pump and hose reel kit		9,240
D220101460		HPW220 high pressure water pump kit for KPL-F		3,810
D220101405		Hose reel kit for KPL-F		920
D220101360	KPL-F-2200x10x6503-HK	KPL Street washing unit for HPW180 (front part)		2,050
D220108250	**SELECT:**	KPL-R-XL-180 Rear cistern wiht HPW180 high pressure water pump and hose reel kit		10,100
D220101470		HPW180 high pressure water pump kit for KPL-F		5,465
D220101405		Hose reel kit for KPL-F		920
D220101380	KPL-F-2200x10x6507-HK	KPL Street washing unit for HPW90 (front part)		2,050
D220101480	**SELECT:**	HPW90 high pressure water pump kit for KPL-F		4,670
D220101405		Hose reel kit for KPL-F		920
	KPL TRUCK Street washing equipment			
D220102120	KPL-TRUCK 250-1650x90x13	Water 30lpm 250bar, hydr. 45lpm, working width 1,8m		5,300
D220102070	KPL-TRUCK 220-2200x10	Water 50lpm 220bar, hydr. 70lpm, working width 2,5m		6,975
D220102030	KPL-TRUCK 180-2200x10	Water 90lpm 180bar, hydr. 115lpm, working width 2,5m		7,690
D220101950	KPL-TRUCK 90-2200x10	Water 150lpm 90bar, hydr. 85lpm, working width 2,5m		8,030
	KPL Weedkiller	NEW PRODUCT		
D220108510	KPL-L-250-WEED			11,950
	Surface Cleaning Unit	NEW PRODUCT		
D220111900	SCU-220-1500-M			31,950
	Quick Attachment Pair Kit	(for example)		
D220101112	Mounting Plate Kit			310
D220100830	EURO	for KPL-M-L-XL		555
D220100845	KRAMER 180-350	for KPL-M		375
D220100820	KRAMER 380-580	for KPL-M-L-XL		625
D220100825	KUNTA 500	for KPL-M-L-XL		525

D220100805	MP / TRIMA	for KPL-M-L-XL		595
D220100835	VOLVO BM	for KPL-M-L-XL		810
	Other quick attachments available by request			

M2	PIPELINE WASHING AND SEWER CLEANING UNITS			EUR
D220120000	PPL-250-M	Hose 3/8" 50m		5,590
D220120070	PPL-220-M	Hose ½ " 50m		7,090
D220120140	PPL-180-M	Hose 3/4" 50m		9,190
D220120210	PPL-460-M	Hose ½ "100m, 460 bar max		12,130
	OPTINAL EQUIPMENT:	Handwashing equipment (20m hose reel with washing pistol)		+820
(D401001550)		Remote control		+1115
		Electric-control		+765
		LS-control		+545

M3	BIN WASHING UNITS FOR WASTE COLLECTOR VEHICLES			EUR
	JPL-250-ST15-LK	Hand washing unit, HPW250, hose reel and pistol		3,770
	JPL-250-ST15-LK-WHU	Hand washing unit, HPW250, hose reel and pistol + water heater		7,560
	JPL-2000-1500-180	Bin washing robot for waste collectors. Component kit including all key components, water tank not included.		Ask for quote

M4	DUST SUPPRESSION SYSTEMS			EUR
D200105953	HPW250 Dust For Excavator		4*6502	3,250
D200105954	HPW250 Dust For Excavator - Double Dust		4*6502	4,190
D200105955	HPW220 Dust For Excavator - Double Dust		2*6504 + 2*6504	5,890
D200105956	HPW90 Dust For Excavator		4*2510	6,395
D200105957	HPW90 Dust For Excavator - Double Dust		2*2510 + 2*2510	7,250
D200105958	HPW160 Dust For Sweeper		1650 - 9*950050	3,345
D200105950	HPW250 Dust For Crusher - One Conveyor		1*6501, 2*2503, 1*1503	3,245
D200105951	HPW220 Dust For Crusher - Two Conveyors		1*6501, 2*2503, 2*1503	4,655
D200105952	HPW220 Dust For Crusher -Three Conveyors		1*6501, 2*2503, 3*1503	4,725

N	HIGH PRESSURE FIRE EXTINGUISHING EQUIPMENT			EUR
D200110010	HPW250 Fire fighting pistol kit	200bar, 30lpm incl. Handle, point, fog and foam nozzle with quick coupl.		2,655
D200110100	HPW220 Fire fighting pistol kit	220bar, 50lpm incl. Handle, point, fog and foam nozzle with quick coupl.		3,250
	HPW130 Fire fighting pistol kit	130bar, 180lpm incl. Handle, point, fog and foam nozzle with quick coupl.		3,310
D200110120	HPW180 Fire fighting pistol kit	180bar, 90lpm incl. Handle, point, fog and foam nozzle with quick coupl.		3,100
6106362090	HPP 800-42	Hydraulic fire pump max. 800lpm 8bar, hydr 42lpm		7,125
D200108220	HPP 1200-70	Hydraulic fire pump 1200lpm 8bar, hydr 70lpm		9,165
D200109600	FP250/30-40	Fire fighting piercing kit, 200bar, 30lpm		16,400
	FP220-50-40	Fire fighting piercing kit, 220bar, 50lpm		17,350
	FP130/180-40	Fire fighting piercing kit, 130bar, 180lpm		19,875
D200109500	FP180/90-40	Fire fighting piercing kit, 180bar, 90lpm		18,730
		Ask also for other models		

O	HYDRAULIC WINCHES AND WINCH UNITS			EUR
	HYDRAULIC WINCHES			
D400011690	HV 5 - 50	Pulling force 5 t, winch reel 200m/12mm		13,595
D400011700	HV 10 -60	Pulling force 10 t, winch reel 170 m/14mm		15,175
D400011750	HV 20 -120	Pulling force 20 t, winch reel 180 m/18mm		20,215
	WINCH UNITS WITH OWN 18hv PETROL ENGINE, ELECTRIC START, LS-HYDRAULIC			
D400011795	HVY 5 -13 hv	Pulling force 5 t, winch reel 200 m/12mm		20,840
D400011805	HVY 10 -18 hv	Pulling force 10 t,winch reel 170 m/14mm		25,155
D400011855	HVY 20 -18 hv	Pulling force 20 t,winch reel 180 m/18mm		29,395
		Cable wires also available. Winches available up to 30t with 700m cable wire space		
	OPTIONAL EQUIPMENT:	Rubber tracks		9,135

P	AUXILIARY HYDR. VALVES FOR INSTALLATION, Max 350 bar			EUR
D4031...	PV SAE 3/4 - xx lpm - 12/24V	Priority valve sandwich mounted with sol.		1,190
	-- 40-59lpm + 90€, 60-94lpm +180€, 95-145lpm +225€, 146-200lpm +270€			
D4032...	PV SAE 1 - xx lpm - 12/24V	Priority valve sandwich mounted with sol.		1,220
	-- 40-59lpm + 90€, 60-94lpm +180€, 95-145lpm +225€, 146-200lpm +270€			
D4033...	PV SAE 1 1/4 - xx lpm - 12/24V	Priority valve sandwich mounted with sol.		1,245
	-- 40-59lpm + 90€, 60-94lpm +180€, 95-145lpm +225€, 146-200lpm +270€			
D402040	LSV 40 - xx lpm - 12/24 V	LS-valve, sol.control operated, pressure relief, max 40 l/min		565
D402060...	LSV 60 - XX lpm	LS-valve, sol.control operated, pressure relief, max 60 l/min		585
D402095...	LSV 95 - XX lpm	LS-valve, sol.control operated, pressure relief, max 95 l/min		720
D420215...	LSV 150 - XX lpm	LS-valve, sol.control operated, pressure relief, max 150 l/min		850
D40010349..	LSV 200 - XX lpm	LS-valve, sol.control operated, pressure relief, max 200 l/min		1,230
D4031012...	VR 50PK - 1/2 - xxlpm	Oil flow limiter, pressure comp., max 40 l/min		120
D4031013...	VR 95PK - 3/4 - xxlpm	Oil flow limiter, pressure comp., max 86 l/min		175
D403110...	VR 200PK - 1- 3/4 - xx lpm	Oil flow limiter, pressure comp., max 200 l/min		280
D400103070/80	SV SAE 1 - Sxx-12/24V	Solenoid valve SAE 1" max 150 l/min		310
D4001031...	SV 70NC - 1/2 - 12/24 V	Solenoid valve 2/2, max 70 l/min, 210 bar LS conn.		200
D4001031...	SV 70NC - 1/2 - 12/24 V -St	Solenoid valve 2/2, max 70 l/min,350 bar LS conn.		220
D400103860/80	SV 150NC - 1 - 12/24V -St	Solenoid valve 2/2, max 150 l/min, 350 barLS conn.		280
D400103910	SV 260NC - 1 1/4 12/24V-St	Solenoid valve 2/2 max 260 l/min, 350 bar LS conn.		755
D400103950	VKV 90 -3/4	Free flow valve, solenoid and pressure control, 210 bar		445
D400103960	VKV 90 -3/4 -St	Free flow valve, solenoid and pressure control, 350bar		550
D400103975	Pilot control kit 5-55bar			515
	HMV Modular installation valve assemblies			Ask for quote
	For example: 2-function valve kit (e.g.2x SV-VR1/2 assembly) starting from 575 euros per assembly.			

R	VACUUM			EUR
D650010000	HRVB830-90	Hydraulic Recycling Vacuum Bucket		19,980
	OPTIONAL EQUIPMENT			
D650010525		Hydraulic Slewing Drive	DR9-160 cc - HRVB	+3450
		Quick coupling kit suitable for your machine		Ask for quote
D650002500	HCF800-40	Hydraulic Centrifugal Fan	0,8 m^3/s, -11 kPA	2,760
D650003500	HCF1500-50	Hydraulic Centrifugal Fan	1,5 m^3/s, -9 kPA	3,050
D650004500	HCF3400-90	Hydraulic Centrifugal Fan	3,4 m^3/s, -8kPA	4,240
Q	**DYNASET BRAND PRODUCTS**			
	Dynaset - caps, -dress shirts, - give aways etc. ASK FOR MORE INFO!			

***PRICING IN APRIL**