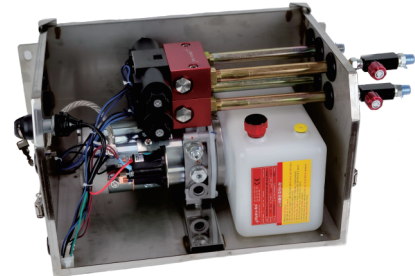
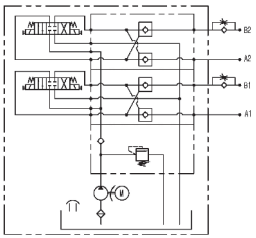


Best Selling Power Pack

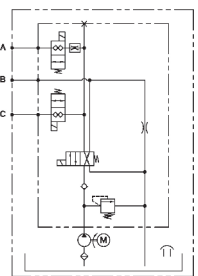
WING BODY / 윙바디

- Two double acting : Power up - Hold - Power down
- Box Type / Cetop 3 Directional Valve
- DC 12V / 24V 5.2 LPM @ 180 BAR
- 차량용 윙바디에 특화된 제품, SUS BOX
- DC 배터리 전용, 복복동 회로



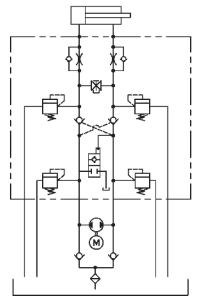
TAIL LIFT / 차량리프트 (유럽식)

- One single one double acting
- Light weight - Plastic cover and tank
- DC 12V/24V 4 LPM @ 200 BAR
- 차량용 리프트게이트에 특화된 제품
- DC 배터리 전용, 단복동 회로
- 외부 케이스 및 탱크를 강화 플라스틱 적용



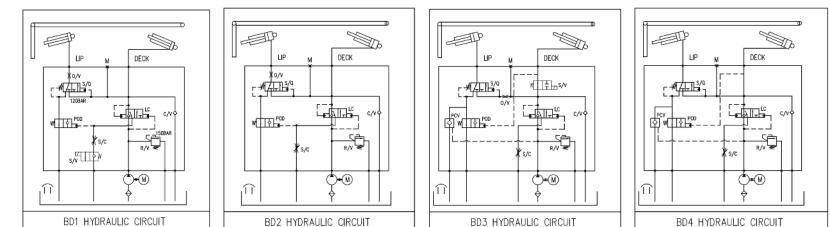
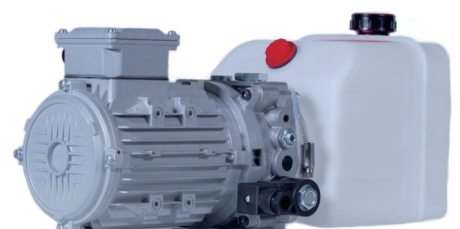
CYLINDER PACK / 실린더 팩

- Double acting
- Fixed flow control valve
- Max Force 25,000(N)
- AC & DC motor (300W & 500W)
- 파워팩과 실린더를 일체형으로 제작
- AC 또는 DC 모터 전원 사용
- 배관 연결 불필요



DOCK LEVELER / 도크레벨러

- Deck : Single acting / Lip : single or double acting
- AC Motor 4 LPM @ 120 BAR
- 도크레벨러에 특화된 제품
- 립 실린더는 단동과 복동 사양 중 선택 가능



Customer World Map / 해외 고객 분포

37 Countries include U.S.A / Germany / Japan / Canada



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본사 : 경기도 화성시 마도면 석교남길 6-3 (우:18537)
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부산사무소 : 부산광역시 강서구 과학산단로 483 (우:46742)
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Hydro-Tek



English

회사 영상



한국어

Products / 제품영상



English



Your partner for Hydraulic solution



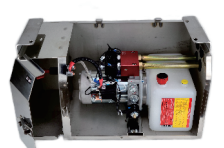
Typical Power Pack

PUMP MOTOR UNIT(PMU) / 펌프 모터유닛



- Pump motor without tank
- DC 24v 3Kw + 4.3cc/rev
- DC motor 7 LPM @ 180 BAR
- 펌프와 모터 일체형 (탱크 제외 제품)
- 별도의 탱크 사용을 하기 위한 제품

TAIL LIFT (Kor.) / 차량 리프트 (한국형)



- Tail Lift (Korea ver.) with SUS box
- DC 12V/24V 5.2 LPM @ 180 BAR
- 차량용 리프트에 특화된 제품, SUS BOX
- DC 배터리 전용, 버튼 케이스 포함

STACKER / 스택커



- Single acting :
Power up - Hold - Gravity down
- Manually operated
- DC 12V / 24V 5.2 LPM @ 180 BAR
- 상승, 하강시 수동 레버 작동

2 POST CAR LIFT / 차량 리프트 (2주)



- Single acting :
Power up - Hold - Gravity down
- AC motor 7 LPM @ 180 BAR
- 복미형 타입 2주 카리프트
- 하강시 수동 레버 작동 (솔타입 선택 가능)

TAIL LIFT Ver.1 / 차량 리프트 Ver.1



- One single one double acting :
Open - Gravity down - Power up - Close
- DC 800W 12V / 24V 2 LPM @ 200 BAR
- 차량용 리프트게이트에 특화된 제품
- 외부 케이스 및 탱크를 강화 플라스틱 적용

SCISSOR LIFT / 시저 리프트



- Single acting :
Power up - Hold - Gravity down
- AC motor 4 LPM @ 180 BAR
- X타입 리프트용 AC 파워팩

DUMP TRAILER / 덤프 트레일러



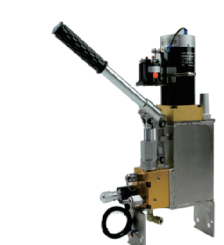
- Double acting :
Power up - Hold - Power down
- DC motor 2 LPM @ 180 BAR
- 덤프용 파워팩

SOLAR PANEL / 태양광 패널



- Two double acting :
Power up - Hold - Power down
- AC motor 1 LPM @ 100 BAR
- 솔라패널 및 복복동 회로 전용

WHEEL CHAIR LIFT / 휠체어 리프트 (차량용)



- Single acting :
Power up - Hold - Gravity down
- Emergency hand pump
- DC 12V / 24V 2 LPM @ 100 BAR
- 비상 핸드펌프 부착
- 장애인 차량용 휠체어 리프트

ENGINE PACK / 엔진 팩



- Compatible with
Hydro-tek center block
- 6.5HP Max 9LPM @ 200 BAR
- 13HP Max 16LPM @ 200 BAR
- 엔진 부착형 유압팩
- 가솔린 엔진 (6.5마력, 13마력)

BELT DRIVEN / 농기계



- Double acting :
Power up - Hold - Power down
- Manually operated
- 벨트풀리 구동타입 파워팩
- 상승-하강시 수동 레버 작동

TAIL LIFT Ver.2 / 차량 리프트 Ver.2

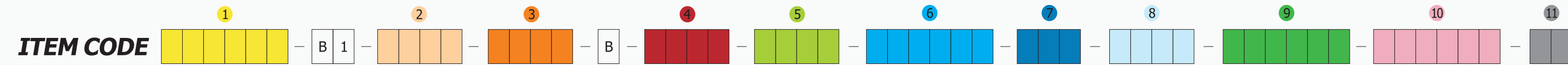


- One single one double acting :
Open - Gravity down - Power up - Close
- DC motor 1.5 LPM @ 180 BAR
- 차량용 리프트게이트에 특화된 제품
- 탱크 강화 플라스틱 적용

Hydro-Tek Power Pack Program

Hydraulic Parts

Hydro-Tek System



DC MOTOR

1	D	3	1	6	T	1	-	B	1
A	B	C	D	Brand					
A	MOTOR	XXX	Without motor						
		D	Non-ventilation direct current motor						
		M	Bi-directional direct current motor						
		L	Ventilation direct current motor						
B	VOLTAGE (V)	1	12V						
		A	12V (With Flange)						
		2	24V						
		B	24V (With Flange)						
		4	48V						
C	POWER (W)	08	800	22	2200				
		12	1200	24	2400				
		16	1600	30	3000				
		20	2000						
D	START RELAY	T1	12V, 150A						
		T2	24V, 150A						
		T1	12V, 150A						
		T2	24V, 150A						
		A1	12V, 100A						
		A2	24V, 100A						
		XX	Without Start Relay						

AC MOTOR

1	T	4	1	5	5	6	-	B	1
A	B	C	D	Brand/E					
A	VOLTAGE (V)	XXX	WITHOUT MOTOR						
		H	110V (1 φ)						
		S	220V (1 φ)						
		T	230 / 400V (3 φ)						
		F	254 / 440V (3 φ)						
B	POLE	2	2POLE						
		4	4POLE						
		6	6POLE						
C	POWER (kW)	01	0.18	18	1.8				
		03	0.37	22	2.2				
		07	0.75	30	3.0				
		10	1.0	40	4.0				
D	FREQUENCY	50	50Hz						
		60	60Hz						
E	DUTY CYCLE	S6	50/60Hz						
		S1							
		2	S2						

CENTER BLOCK

2	X	A	1	C
A	B	C		
A	TYPE	ONE GROUP	HALF GROUP	
		XA, CA	XB, QH, SH	
B	DIAGRAM	1 3 5 7 9		
		P2 port is available		
C	PRESSURE RANGE	L 3 ~ 10 kg-f/cm ²		
		A 10 ~ 60 kg-f/cm ²		
		B 50 ~ 150 kg-f/cm ²		
		C 100 ~ 200 kg-f/cm ²		
		D 150 ~ 250 kg-f/cm ²		
		F 50 ~ 120 kg-f/cm ² (Heavy flow)		

GEAR PUMP

3	G	O	1	6	-	B
A	B	C				
A	TYPE	G	Gear Pump			
		D	Bi-directional gear Pump			
		P	Bi-directional-Piston Pump			
B	GROUP	O	One Group			
		H	Half Group			
C	DISPLACE- MENT (cc/rev)	02	0.2	27	2.7	
		03	0.3	32	3.2	
		05	0.5	37	3.7	
		07	0.7	42	4.2	
		08	0.8	48	4.8	
		11	1.1	58	5.8	
		13	1.3	70	7.0	
		16	1.6	80	8.0	
		21	2.1	98	9.8	
		23	2.3			

MOUNTING

4	H	P	P	B
A	B	C	D	
A	MOUNTING POSITION	H	Horizontal type	
		V	Vertical type	
B	AIR BREATHER POSITION	P	P-T port	
		C	Cartridge cavity	
		F	Base mounting	
		S	Special	
C	TERMINAL BOX (AC) or START RELAY (DC) POSITION	P	P-T port	
		C	Cartridge cavity	
		M	Base mounting	
		F	Flank mounting	
		S	Special	
D	BRACKET	B	With bracket (Height : 30mm)	
		H	With bracket (Height : 45mm)	
		X	Without bracket	

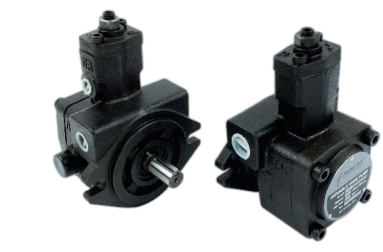
TANK

5	X	R	0	3	
A / B / C					
A	TYPE	M	1st EP-series C/B	PLASTIC OIL TANK	
		X	X-series C/B	PL X-series C/B	
		Q	Q-series C/B	PX X-series C/B	
		S	S-series C/B	PC C-series C/B	
B	DESIGN	R	Round type		
		S	Square type		
C	CAPACITY (L)	01	1	11	11
		02	2	12	12
		03	3	14	14
		04	4	15	15
		05	5	20	20
		06	6	25	25
		07	7	30	30
		08	8	50	50
		09	9		

Gear Pump



Variable Displacement Vane Pump



Solenoid Operated Directional Valve



Modular Valve



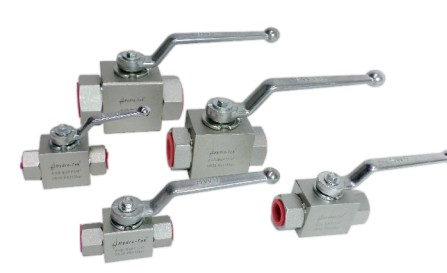
Flow Control Valve



Line Type Burst Valve



Ball Valve



Pressure Gauge



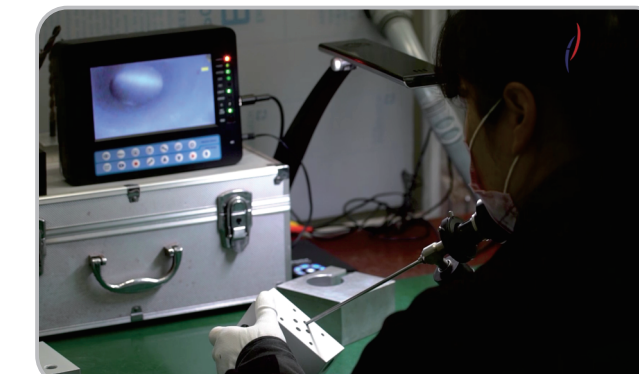
Pressure Switch



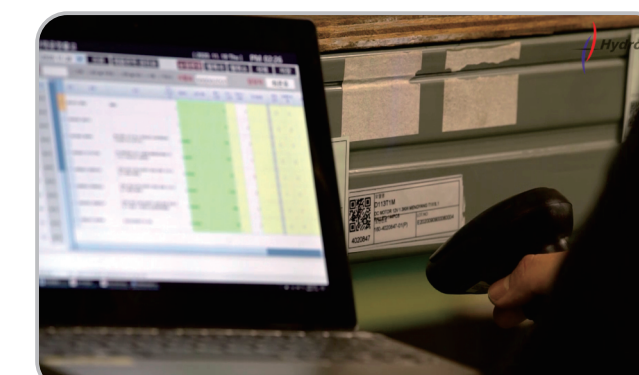
Cartridge Valve



Headquarter / 본사 (화성 마도)



Endoscope / 불력 내부 내시경 검사



QR code Tracking / QR 코드 추적성 관리



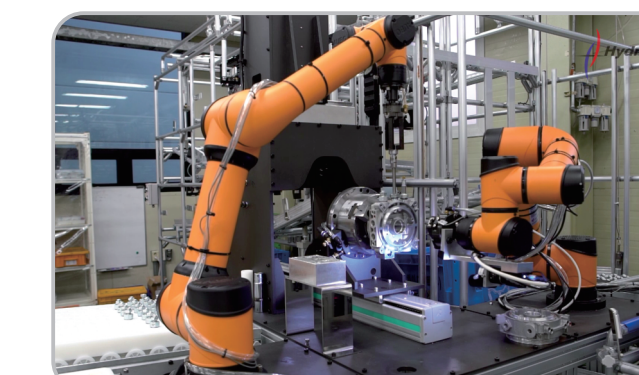
Low temp. Test / 내한성 테스트 (-40 °C)



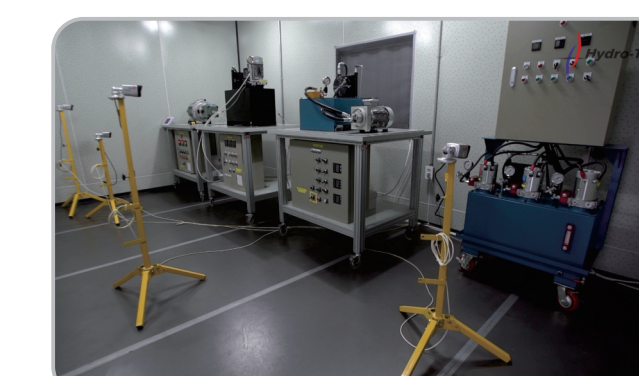
2D, 3D Design / 2D, 3D 설계



Performance Inspection / 성능 테스트



Automation / 센터블록 조립 자동화



Endurance Test / 내구성 테스트 (24hr)

SOLENOID VALVE & COIL

6	S	C	X	N	-	B	N
A	B	C	D	Brand/E			
A	TYPE	S	Solenoid valve				
		MHXX	Micro s/w manual				
		NNNN	Plug for cavity				
B	DIAGRAM	C	Normally closed				
		O	Normally open				
		D	Double lock				
C	VOLTAGE (V)	1	DC 12V				
		2	DC 24V				
		3	AC 110V				
		4	AC 220V				
D	CAPACITY (L)	8	08-Cavity				
		N	Din connector				
		NW	DIN Connector Wiring				
		S	Dual spades				
		L	Lead wire				
		R	Integral deutsche connector				

PRESSURE COMPENSATED FIXED CONTROL VALVE

7	P	F	1	6	-	B	1
A	B	C	D	Brand/E			
A	APPLICABLE C/B	S	SH				
		G	D1, D3				
B	FLOW (l/min)	01	1	06	6		
		02	2	08	8		
		03	3	10	10		
		04	4	12	12		

DIRECTIONAL SANDWICH BLOCK

8	B	Y	3	1	-	B
A	B	C	D	Brand/E		
A	DIAGRAM	BY6/BY5	BY2	BY3/BH3		
		BY4/BH4	BYF	BYW		
B	QUANTITY	Directional sandwich block QUANTITY				

9	Y	A	4	1	-	B
A	B	C	D	Brand/E		
A	DIAGRAM	YA	YP	YC	YO	YT
		HA	HP	HC	HO	HB
B	VOLTAGE (V)	1	DC 12V			
		2	DC 24V			
		3	AC 110V			
		4	AC 220V			
C	QUANTITY	Directional valve QUANTITY				
D	PORT TYPE	I	CETOP-3			
		B	Terminal Box (Bolt : M5)			
		S	Din (Bolt : M5)			
		U	Din (Bolt : No. 10-24 UNC)			

BOX TYPE POWER PACK

11

L

C

A

A	DESIGN	LX	Box type without button case smaller than LS
		LM	Box type with button case smaller than LS
		LS	Box type with button case smaller than LC
		LC	Box type with button case
		WR	Box type without button case

Note:

Please contact Hydro-Risk for STEEL box.