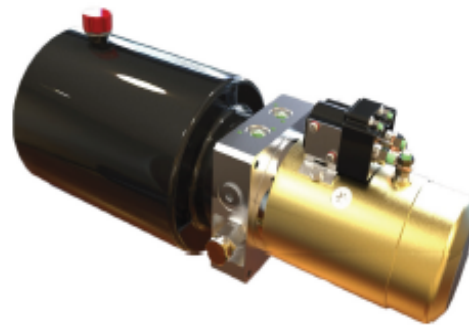


Our power units follow the same vigorous production and assembly processes as the rest of our products. The Hydro Custom power units are used in various applications :

- Car lift
- Snow plow
- Dock leveler
- Lift table
- Scissor lift
- Tail gate
- Fork lift
- Tipper trailer
- Dump trailer
- Garbage truck
- RV
- Wheel chair and medical



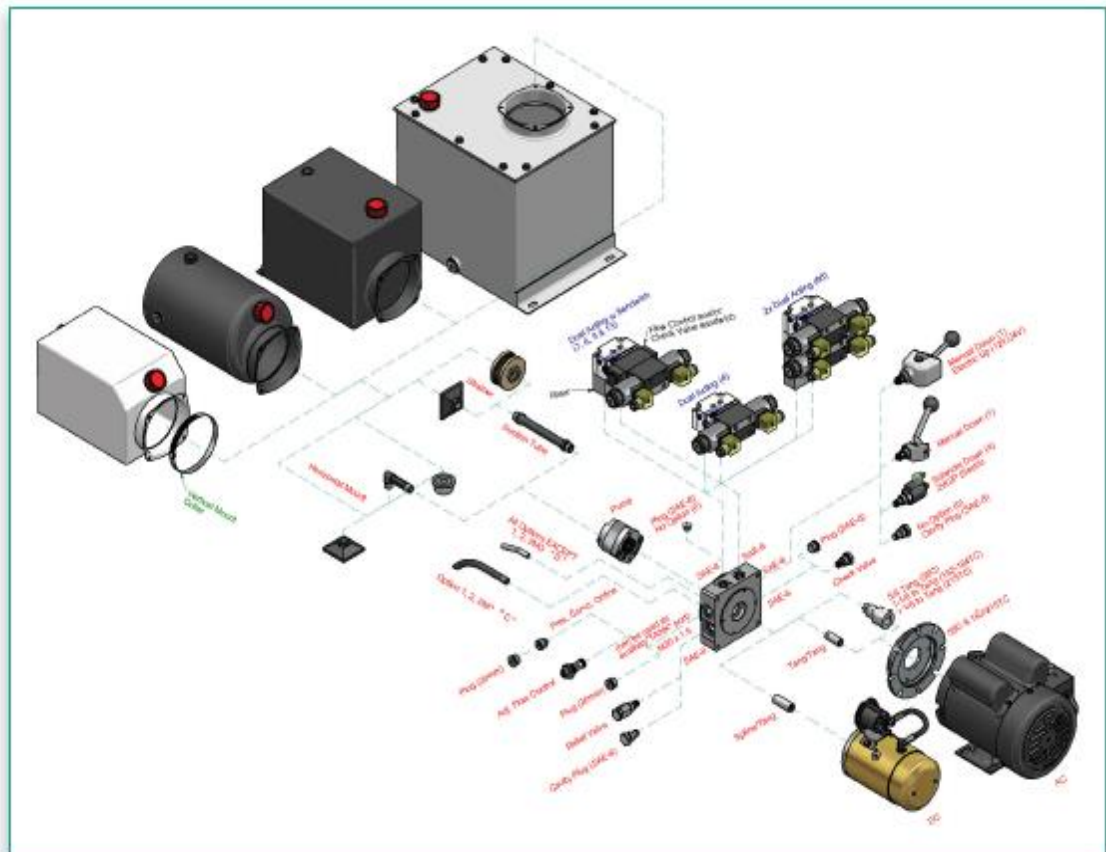
FEATURES AND BENEFITS

- Choice of configurations of multiple components such as pumps, valves, motors and tanks
- Experienced advisors in hydraulic circuit conception that will help you with the design of powers units according to your needs and requirements
- Power units can be fitted with blocks manifold designed to your specifications and manufactured in our workshops
- Mounting and testing of power units in a clean environment and without contamination, according to procedures established by highly qualified technicians
- Manufacturing customized solutions or series are possible taking into consideration the time of execution, the amount and the budgetary
- Price constraints
- 3D drawings, hydraulic and electrical plans and reports of tests (flow, pressure, speed, etc.) upon request
- Variety of standard power units distributed in our three warehouses across North America
- Several points of service in North America with hydraulic spare parts
- Well studied Quality/Price Ratio in order to provide you with the best possible offer
- Tank can be used horizontally or vertically

POWER PACKS

HC Hydro Custom

Whatever your requirements, our experienced team will be able to design the unique hydraulic solution that meets your individual specifications. Project appraisal, inventory request and orders are accessible to affiliated distributors.

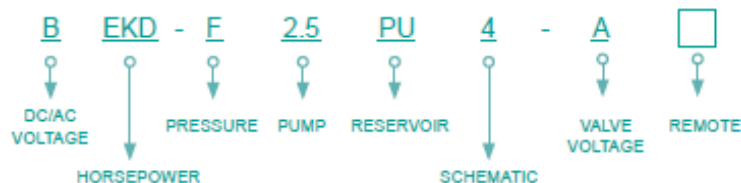


POWER PACKS

HC Hydro Custom

MODEL CODE

EXAMPLE



VOLTAGE & POWER

DC MOTORS 2500 RPM

CODE	VOLTAGE & HORSEPOWER
1W2W	12V, 2 HP
2A2W	24V, 2.5 HP

AC MOTORS 1800 RPM

CODE	VOLTAGE
B	110/220V, 1 PH. (UP TO 2HP)
C	575V, 3 PH.
D	220V, 1PH. (3HP AND MORE)
E	208-230/460V, 3 PH.

CODE	HORSEPOWER
CKE	1/2 HP
DKE	3/4 HP
EKE	1 HP
EKD	1 HP (TANG SHAFT)
EKDB	1 HP + BUTTON & CABLE*
EKDT	1 HP + TOGGLE & CABLE*
FKE	1 1/2 HP
GKE	2 HP
GKD	2 HP (TANG SHAFT)
HKE	3 HP
JKJ	5 HP
KOK	7.5 HP

*AVAILABLE FOR 110/220V MOTORS ONLY

PRESSURE

CODE	PRESSURE
X	NO RELIEF
D	145-1500 PSI
F	580-2900 PSI
H	1150-3600 PSI

PUMPS

CODE	MAX PSI*	MAX RPM	FLOW GPM	
			AC UNIT	DC UNIT
0.8	3300	6000	0.34	SEE CHARTS
1.2	3300	6000	0.51	
1.6	3300	6000	0.69	
2.1	3300	6000	0.90	
2.6	3300	6000	1.05	
3.2	3000	5000	1.36	
4.2	3000	4000	1.80	
6.0	2750	3000	2.50	
8.0	2320	2100	3.40	
8H	3700	5000	3.43	

*PLEASE REFER TO THE PRESSURE LIMITATION CHART

12VDC UNITS GPM FLOW CHART

PSI	PUMP (CC)						
	0.8	1.2	1.6	2.1	2.6	3.2	4.2
0	0.99	1.50	1.53	2.51	2.71	3.24	4.25
500	0.87	1.33	1.35	1.88	2.25	2.71	2.91
1000	0.85	1.18	1.12	1.65	1.98	2.31	2.14
1500	0.77	1.12	1.06	1.48	1.72	1.78	1.59
2000	0.73	1.04	0.95	1.35	1.53	1.65	1.19
2500	0.69	0.95	0.9	1.12	1.39	1.45	0.9
3000	0.63	0.71	0.79	1.03	1.22	1.32	0.85

WARNING! MORE THAN 250 AMPERES

24VDC UNITS GPM FLOW CHART

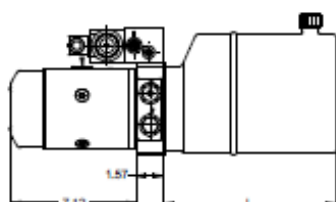
PSI	PUMP (CC)						
	0.8	1.2	1.6	2.1	2.6	3.2	4.2
0	1.12	1.74	2.05	2.38	2.77	3.31	3.43
500	0.90	1.34	1.62	1.78	2.11	2.54	2.64
1000	0.79	1.19	1.41	1.62	1.72	2.01	2.18
1500	0.73	1.04	1.21	1.37	1.40	1.45	1.78
2000	0.66	0.95	1.12	1.19	1.22	1.32	1.59
2500	0.63	0.89	0.99	1.05	1.16	1.21	1.39
3000	0.59	0.79	0.94	0.92	1.11	1.20	1.32

PRESSURE LIMITATION (PSI) MOTOR & PUMP COMBINATION

HP	PUMP CODE								
	0.8	1.2	1.6	2.1	2.5	3.2	4.2	6.0	8.0
1/2	2140	1400	1050	800	680	530	400	280	210
3/4	3200	2140	1580	1200	1020	800	600	420	320
1	3300	2850	2100	1600	1360	1060	800	560	430
1 1/2	3300	3300	3167	2430	2040	1600	1200	850	640
2	3300	3300	3300	3230	2720	2120	1600	1140	850
3	3300	3300	3300	3300	3300	3000	2430	1700	1270
5	3300	3300	3300	3300	3300	3000	3000	2350	1700
7 1/2	3300	3300	3300	3300	3300	3000	3000	2350	1700

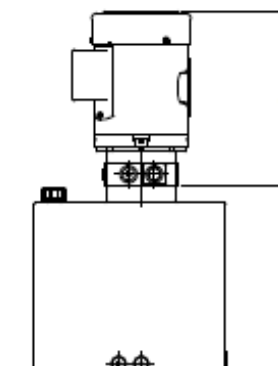
DIMENSIONS

DC MOTORS



AC MOTORS

HP	DIM "C" (IN)
1/2	12.1
3/4	
1	
1 1/2	
2	18.5
3	
5	
7.5	20.9

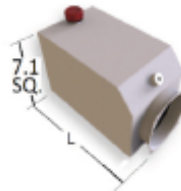


RESERVOIRS

BREATHER WITH DIPSTICK INCLUDED

PLASTIC HORIZONTAL

CODE	GALLONS	USABLE	DIM "L" (IN)
PA	1.0	0.7	7.9
PB	1.3	1.2	11.4
PL	1.6	1.4	13.2
PC	2.1	2.1	17.3
PD	2.6	2.5	20.9
PE	3.2	2.6	21.6
PG	3.7	2.9	23.4
PP	4.2	3.4	27.6
PQ	5.5	5.2	41.3



PLASTIC VERTICAL

CODE	GALLONS	USABLE	DIM "L" (IN)
QA	1.0	0.7	7.9
QB	1.3	1.2	11.4
QL	1.6	1.4	13.2
QC	2.1	2.1	17.3
QD	2.6	2.5	20.9
QE	3.2	2.6	21.6
QG	3.7	2.9	23.4
QP	4.2	3.4	27.6
QQ	5.5	5.2	41.3



FIG. 1



FIG. 2

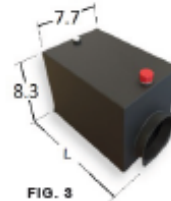


FIG. 3



FIG. 4



FIG. 5

STEEL HORIZONTAL

CODE	GALLONS	USABLE	DIM "L" (IN)	FIG.
RY	0.4	0.26	6.3	1
RZ	0.5	0.4	8.5	
RA	1.0	0.8	9.0	
RB	1.3	1.1	10.6	2
RL	1.6	1.4	11.4	
RC	2.1	1.9	14.6	
RD	2.6	2.4	17.3	3
RE	3.2	3.0	21.3	
SD	2.6	2.2	10.2	
SE	3.2	2.6	11.8	4
SF	4.0	3.6	16.1	
SH	5.3	4.7	21.0	
SJ	6.6	6.2	27.8	5

STEEL VERTICAL

CODE	GALLONS	USABLE	DIM "L" (IN)	FIG.
TA	1.0	0.7	9.0	4
TB	1.3	0.9	10.6	
TL	1.6	1.2	11.4	
TC	2.1	1.7	14.6	5
TD	2.6	2.2	17.3	
TE	3.2	2.8	21.3	
UP	4.2	3.9	23.2	6
UQ	5.5	5.1	29.2	
UR	6.6	6.0	33.2	
DIMS (IN)				FIG.
CODE	GALLONS	USABLE	H W L	
U2	6.5	6.0	11.0 13.4 13.0	
U3	9.2	8.5	13.4 14.2 13.0	
U4	10.6	10.0	11.0 13.4 19.0	
U8	15.9	15.0	13.8 17.7 17.3	

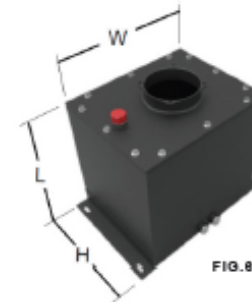
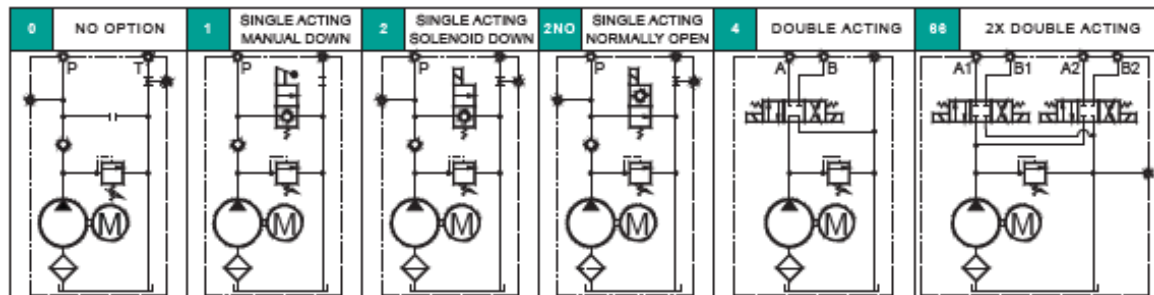


FIG. 6

SCHEMATICS



VALVES VOLTAGE

CODE	DESCRIPTION
OMIT	NO VOLTAGE
A	12VDC
B	24VDC
C	110VDC
M	MANUAL

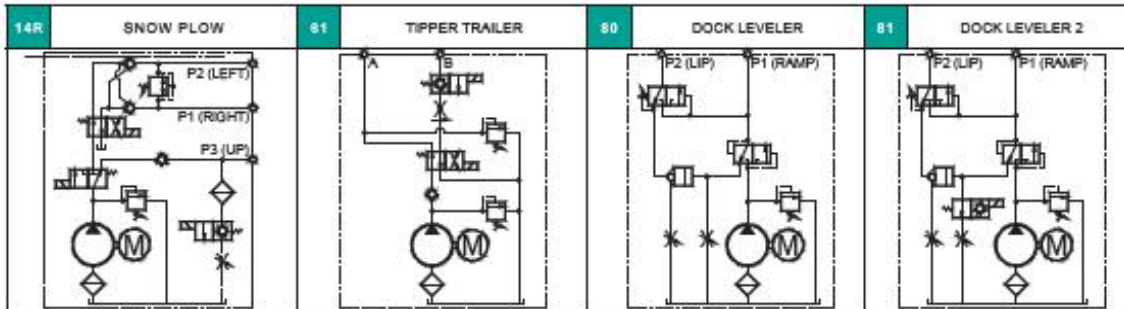
REMOTE CONTROLS

CODE	DESCRIPTION
OMIT	NO REMOTE
AR*	REMOTE CONTROL (10 FOOT CABLE)

* DC MOTORS ONLY



OTHER SCHEMATICS



PICKUP SNOW PLOWS

SPECIAL DESIGN DC DRIVEN POWER PACK

UNIT MODEL CODE: 1W2W-F2.5RY14AR

- CUSHION VALVE TO ABSORB SHOCKS ON LEFT-RIGHT MOVEMENT
- MADE FOR 3 SINGLE ACTING CYLINDERS
- LEFT/RIGHT LIFT AND FLOAT

REMOTE SPECIFICATIONS

- 2 AXIS JOYSTICK (LEFT, RIGHT, UP & DOWN)
- ROCKER SWITCH WITH LIGHT TO ACTIVATE FLOAT POSITION
- 10 FT. CABLE



TIPPER TRAILERS

- DC DRIVEN HYDRAULIC POWER PACK FOR DUMPERS WITH REMOTE



DOCK LEVELERS

- AC DRIVEN POWER PACK USED ON ALL MAJOR LOADING DOCKS
- SEQUENTIAL LIP LIFT ACTION



CAR LIFTS

- AC DRIVEN POWER PACK USED ON CAR/TRUCK LIFTS FOR MAINTENANCE OR STORING APPLICATIONS

