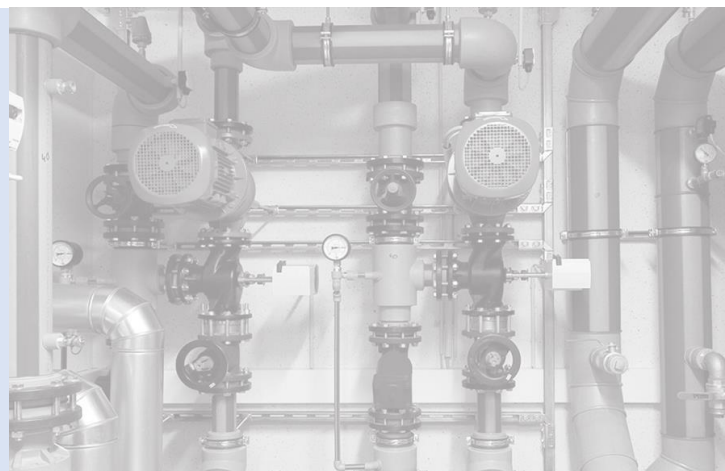
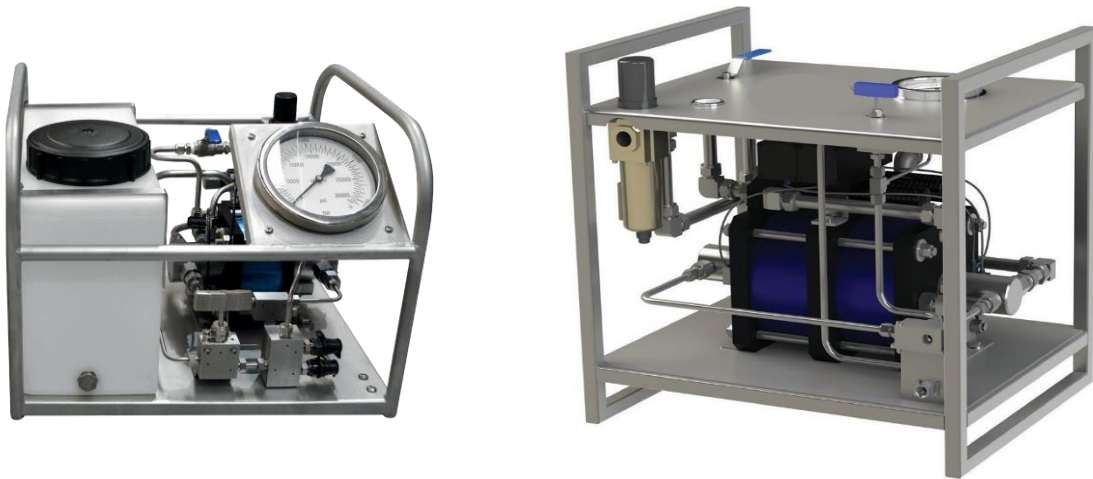


DIAMOND SERIES HPU's DATASHEET



Specialists in Manufacturing, Supplying and
Renting Hydraulic Equipment

Company Profile

GD Hydraulics are a manufacturer who specialise in sale, service, rental and repair of Hydraulic and Gas Pressure Testing, Flushing & Control Systems.

G-D Hydraulics offer equipment which includes:

- **Air Operated Tensioner Pumps**
- **Air Operated Hydraulic Power Packs (HPUs)**
- **Hose Test Rigs**
- **Cycle Test Rigs**
- **Valve Test Benches**
- **Flushing Rigs**
- **Hydraulic Power Units – Electric Driven**
- **Hydraulic Control Panels**
- **Pressure Logging Equipment**
- **Manifolds**
- **Hose Reels & Hoses**

Our standard products are relevant over numerous industry sectors and can be used for a wide number of applications. We also offer a custom built manufacture service for those jobs that need specific and bespoke requirements.

Our manufacturing facility in Manchester allows us to build and test all equipment to ensure it reaches our customers in top quality condition.

We are committed to manufacturing the best equipment possible to allow our customers operations to run as smoothly as possible.

Specialists in Manufacturing, Supplying and Renting Hydraulic Equipment

Company Information:

GD Hydraulics

Unit 6B Wilsons Park,
Wilsons Industrial Estate,
Monsall,
Manchester,
M40 8WN

Phone: +44 161 643 6768

Email: sales@g-dhydraulics.com

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DIAMOND SERIES HPU'S

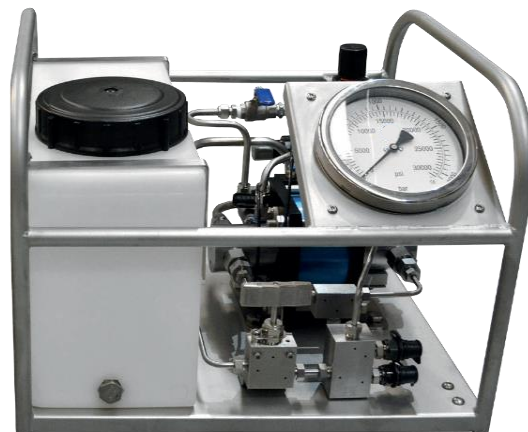
The Diamond range of Hydraulic Pump Units are designed and engineered with operator safety in mind. A stainless steel frame as standard and all pump controls and valves easily accessible, the HPU's offer an excellent solution for reaching pressures of up to 45,900 psi. This range is suitable for applications such as hydrostatic testing, clamping and pressing, bolt tensioning, crimping, lifting and valve actuation.

HPU's include the following equipment:

		120A Series	120B Series	170A Series	DHDA Series
Pump Controls	Filter/Regulator	●	●	●	●
	Start/Stop Valve	●	●	●	●
Pressure Circuit	High Pressure Pump	●	●	●	●
	6" Hydraulic Pressure Gauge	●	●	●	●
	Pressure Release Valve	●	●	●	●
	High Pressure Outlet Connection	●	●	●	●
Fluid Supply	7.5 Litre Tank	●		●	
	12 Litre Tank		●		
	¾ NPT Fluid Inlet Connection				●
Frame	Stainless Steel	●	●	●	●
Optional Extras	Data Logger with Software	●	●	●	●
	Integral Chart Recorder with Isolation Valve	●	●	●	●
	Stainless Steel Tank	●	●	●	●
	Pneumatic Stroke Counter	●	●	●	●
	Tank Bypass Facility	●	●	●	
	External Fluid Supply Connection Inc. 'Y' Type Strainer	●	●	●	
	Castors	●	●	●	●
	ATEX Certification	●	●	●	●



D1 Series



D2 Series



HYDRAULIC POWER UNITS (HPU'S)

HPU Model Numbers

Series	Model	MaxOutletPressure*		Volume Displacement		Max Flow Rate		Fluid Connection**	Fluid Outlet Port (F)	Air Inlet Port
		psi	Bar	ML	CU.IN.	CU.IN.	MIN			
1 Series	D1-34	3,400	235	15.72	0.96	4.8	293	NA	1/2" NPT	3/8" BSP
	D1-71	7,100	490	7.53	0.46	2.3	141	NA	1/2" NPT	3/8" BSP
	D1-118	11,800	814	4.56	0.28	1.39	85	NA	1/2" NPT	3/8" BSP
	D1-231	23,100	1,594	2.33	0.15	0.71	44	NA	1/4" HP	3/8" BSP
	D1-361	36,100	2,490	1.49	0.90	0.45	28	NA	1/4" HP	3/8" BSP
2 Series	D2-33	3,300	228	27.42	1.68	8.36	511	NA	1/2" NPT	3/8" BSP
	D2-70	7,000	483	13.14	0.81	4.01	245	NA	1/2" NPT	3/8" BSP
	D2-117	11,700	806	7.95	0.49	2.43	149	NA	1/2" NPT	3/8" BSP
	D2-230	23,000	1,586	4.06	0.25	1.24	76	NA	1/4" HP	3/8" BSP
	D2-360	36,000	2,483	2.6	0.16	0.79	49	NA	1/4" HP	3/8" BSP
3 Series	D3-35	3,500	241	30.14	1.84	9.2	560	NA	1/2" NPT	1/2" BSP
	D3-68	6,800	469	15.72	0.96	4.8	293	NA	1/2" NPT	1/2" BSP
	D3-142	14,200	980	7.53	0.46	2.3	141	NA	1/2" NPT	1/2" BSP
	D3-234	23,400	1,614	4.56	0.28	1.39	85	NA	1/4" HP	1/2" BSP
	D3-459	45,900	3,165	2.33	0.15	0.71	44	NA	1/4" HP	1/2" BSP
4 Series	D4-65	6,500	488	533.72	32.57	34.69	2,117	1" NPT	1/2" NPT	1" BSP
	D4-127	12,700	875	272.3	16.62	17.7	1,080	1" NPT	9/16" MP	1" BSP
	D4-226	22,600	1,559	153.17	9.35	9.96	608	1" NPT	9/16" HP	1" BSP

*Based on 100psi air drive

**Tank as standard when not applicable

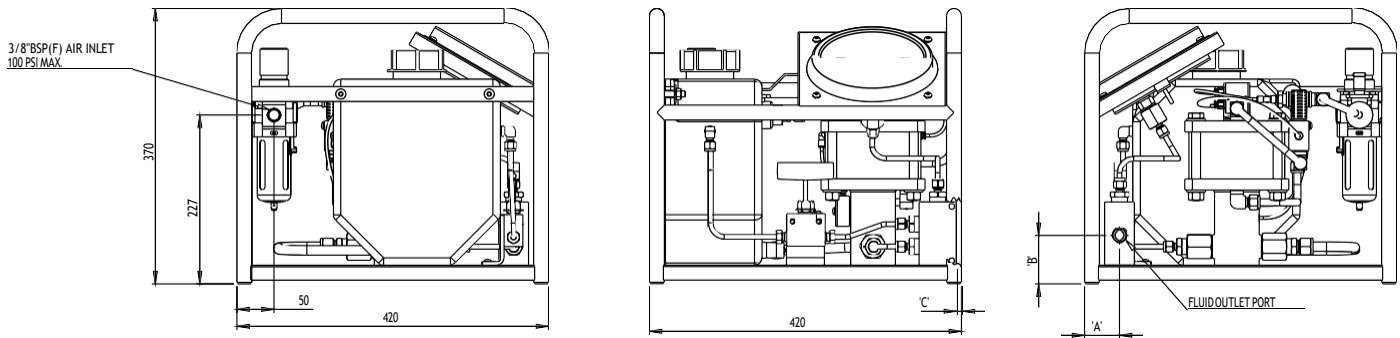


D4 Series

HYDRAULIC POWER UNIT DIMENSIONS

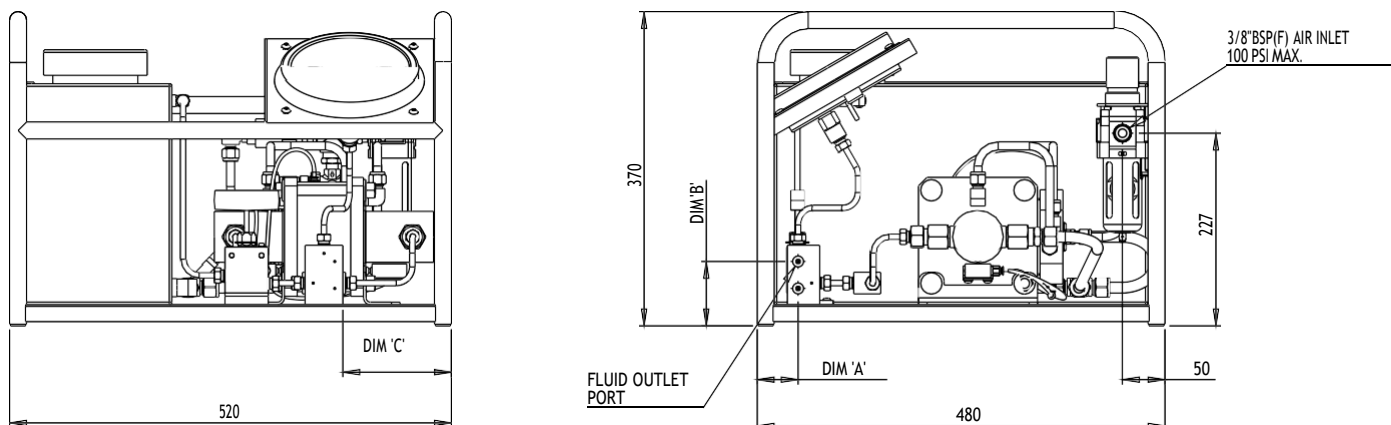
D1 Series

Pump Model	Max. Working Pressure	Gauge Range	Fluid Outlet Port (F)
D1-34	3,400 psi	0-5,000 psi	1/2" NPT
D1-71	7,100 psi	0-10,000 psi	1/2" NPT
D1-118	11,800 psi	0-15,000 psi	1/2" NPT
D1-231	23,100 psi	0-30,000 psi	1/4" HP
D1-361	36,100 psi	0-45,000 psi	1/4" HP



D2 Series

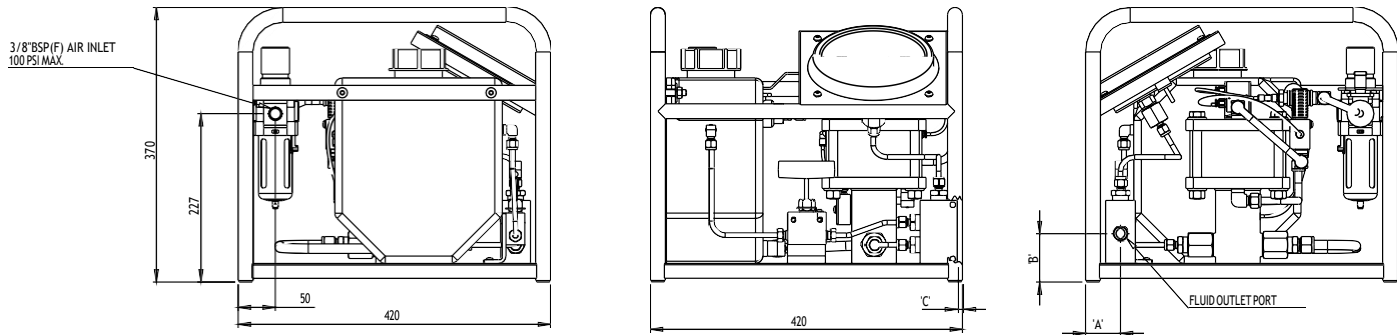
Pump Model	Max. Working Pressure	Gauge Range	Fluid Outlet Port (F)
D2-33	3,300 psi	0-5,000 psi	1/2" NPT
D2-70	7,000 psi	0-10,000 psi	1/2" NPT
D2-117	11,700 psi	0-15,000 psi	1/2" NPT
D2-230	23,000 psi	0-30,000 psi	1/4" HP
D2-360	36,000 psi	0-45,000 psi	1/4" HP



HYDRAULIC POWER UNIT DIMENSIONS

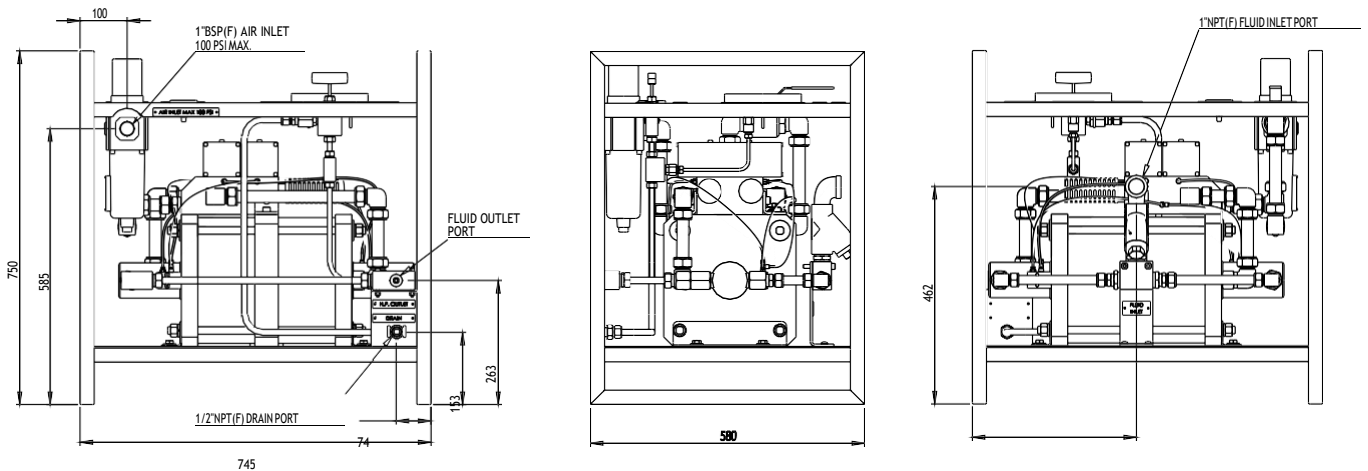
D3 Series

Pump Model	Max. Working Pressure	Gauge Range	Fluid Outlet Port (F)
D3-35	3,500 psi	0-5,000 psi	1/2" NPT
D3-68	6,800 psi	0-10,000 psi	1/2" NPT
D3-142	14,200 psi	0-15,000 psi	1/2" NPT
D3-234	23,400 psi	0-30,000 psi	1/4" HP
D3-459	45,900 psi	0-60,000 psi	1/4" HP



D4 Series

Pump Model	Max. Working Pressure	Gauge Range	Fluid Outlet Port (F)
D4-65	6,500 psi	0-10,000 psi	1/2" NPT
D4-127	12,700 psi	0-15,000 psi	9/16" MP
D4-226	22,600 psi	0-30,000 psi	9/16" HP





GD Hydraulics

Testing & Control

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