



HCS
Air-driven hydraulic unit

Model	HCS□-H2□-□		
Number of pumps	1		
Valve switching system	Air pilot system		
Discharge pressure	MPa	24.5	
Driving air pressure	MPa	0.47	
Discharge volume (at no load)	L/min	1.3	
Oil tank capacity	L	HIGH LEVEL : 3.5	LOW LEVEL : 1.5
Set pressure of pressure switch	MPa	Clamp circuit : 14.7 (INC.)	Die-lifter circuit : 1.96 (DEC.)
Orifice diameter	mm ²	Discharge : 12.5	Return : 28.1
Air consumption rate	Nm ³ /min	Max. 0.4	

• Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)



HCP
Air-driven hydraulic unit

Model	HCP□-H2□-□	HCP□-H22□-□
Number of pumps	1	2
Valve switching system	Air pilot system	
Discharge pressure	MPa	24.5
Driving air pressure	MPa	0.47
Maximum working pressure	MPa	30.8
Discharge volume (at no load)	L/min	1.3
Oil tank capacity	L	HIGH LEVEL : 5.4
Set pressure of pressure switch	MPa	Clamp circuit : 14.7 (INC.)
Orifice diameter	mm ²	Discharge : 12.5
Air consumption rate	Nm ³ /min	Max. 0.4

• Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent) • Operating temperature : 0 ~ 50°C (No frozen)
• Standard working pressure : 24.5 MPa • For 5 or more circuits application, contact Pascal for the details.



VHA
Hydraulic selector valve

Model	VHA-□	
Standard working pressure	MPa	24.5
Maximum working pressure	MPa	30.8
Set pressure of pressure switch	Clamp circuit	MPa
	Die-lifter circuit	MPa
Orifice diameter	mm ²	Discharge : 14.2 / Return : 14.2

• Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)
• Operating temperature : 0 ~ 70°C (No frozen)



VSB
Hydraulic selector valve

Model	VSB-□H2-□	
Standard working pressure	MPa	24.5
Maximum working pressure	MPa	30.8
Supply air pressure	MPa	0.4 ~ 0.7
Set pressure of pressure switch	Clamp circuit	MPa
	Die-lifter circuit	MPa
Orifice diameter	mm ²	Discharge : 12.5 / Return : 28.1

• Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)
• Operating temperature : 0 ~ 50°C (No frozen)



HUT
Pump + Small oil tank

Model	HUT-2		
Number of pumps	1		
Discharge pressure	MPa	24.5	
Driving air pressure	MPa	0.47	
Discharge volume (at no load)	L/min	1.3	
Oil tank capacity	L	HIGH LEVEL : 1.5	LOW LEVEL : 0.6
Air consumption rate	Nm ³ /min	Max. 0.4	
Weight (without oil)	kg	8.3	

- Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)
- Operating temperature : 0 ~ 60°C (No frozen)



HUC
Pump + Large oil tank

Model	HUC-2		
Number of pumps	1		
Discharge pressure	MPa	24.5	
Driving air pressure	MPa	0.47	
Discharge volume (at no load)	L/min	1.3	
Oil tank capacity	L	HIGH LEVEL : 4.8	LOW LEVEL : 1.9
Air consumption rate	Nm ³ /min	Max. 0.4	
Weight (without oil)	kg	14	

- Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)
- Operating temperature : 0 ~ 60°C (No frozen)



HUD
Pump + Large oil tank

Model	HUD-22		
Number of pumps	2		
Discharge pressure	MPa	24.5	
Driving air pressure	MPa	0.47	
Discharge volume (at no load)	L/min	2.6	
Oil tank capacity	L	HIGH LEVEL : 4.8	LOW LEVEL : 1.9
Air consumption rate	Nm ³ /min	Max. 0.8	
Weight (without oil)	kg	22	

- Fluid used : General mineral based hydraulic oil (ISO-VG32 equivalent)
- Operating temperature : 0 ~ 60°C (No frozen)



GSA
Air direction selector valve

Model	GSA1□	GSA2□	GSA3□
Number of circuits	1	2	3
Working air pressure	MPa	0.1 ~ 1	
Weight	kg	3.3	4.6

- Operating temperature : -10 ~ 60°C (No frozen)