

# OPU

## Hydraulic Power Packs

Working Pressure 700 bar



### Features

- Hydraulic elements, tube fittings, tank accessories & electricals of reputed make
- Robust & aesthetically designed for easy maintenance
- Compatible to all reputed brand jacks / cylinders
- Options available: Hand lever / Solenoid (Push button)
- Wheels for easy handling
- Voltages: 110V - 220V - 415V A/C, 50 & 60Hz



### Single Phase



OPU Series - O Orione P Power pack U Unit 2M 2HP Single Phase  
 20 Liters H Hand lever operated S Single pump  
 P Push button operated D Double pump

Pump Stage	Motor HP Single phase	Model	Flow Up to 150 bar (l / min.)	Flow above 150 bar (l / min.)	Filling Capacity (ltrs.)	Usable Oil (ltrs.)
Single	2	OPU-2M-20-HS	-	1.0	20	12
	3	OPU-3M-40-HS	-	1.5	40	25
Two	2	OPU-2M-40-HD	4.8	1.0	40	25
	3	OPU-3M-40-HD	7.3	1.5	40	25
	2	OPU-2M-40-PD	4.8	1.0	40	25
	3	OPU-3M-40-PD	7.3	1.5	40	25

### Three Phase



OPU Series - O Orione P Power pack U Unit 2 2HP Three Phase  
 20 Liters H Hand lever operated S Single pump  
 P Push button operated D Double pump

Pump Stage	Motor HP Three phase	Model	Flow Up to 150 bar (l / min.)	Flow above 150 bar (l / min.)	Filling Capacity (ltrs.)	Usable Oil (ltrs.)
Single	2	OPU-2-20-HS	-	1.0	20	12
	3	OPU-3-40-HS	-	1.5	40	25
	5	OPU-5-50-HS	-	2.5	50	35
	7.5	OPU-7.5-80-HS	-	3.7	80	55
	7.5	OPU-7.5-120-HS	-	3.7	120	90
Two	2	OPU-2-40-HD	4.8	1.0	40	25
	3	OPU-3-40-HD	7.3	1.5	40	25
	5	OPU-5-50-HD	12.3	2.5	50	35
	7.5	OPU-7.5-80-HD	17.3	3.7	80	55
	7.5	OPU-7.5-120-HD	17.3	3.7	120	90
	2	OPU-2-40-PD	4.8	1.0	40	25
	3	OPU-3-40-PD	7.3	1.5	40	25
	5	OPU-5-50-PD	12.3	2.5	50	35
	7.5	OPU-7.5-80-PD	17.3	3.7	80	55
	7.5	OPU-7.5-120-PD	17.3	3.7	120	90

- Higher capacity and customized solutions on request.
- Specifications are subject to change due to continual improvement.

# How To Choose Suitable Pump

Working Pressure 700 bar

## Selection of Pump based on Jack Model

Refer table as a guide to select pump model to suit standard 'Orione' jack, considering 3 mtrs. hose length connection.

Contact Orione representative for recommendation of pump for multiple jacking operation.

### Single Acting Jack

		Force in tons																						
		5	10	15	20	25	30	50	60	75	100	150	200	250	300	400	500	600	800	1000	1500	2000		
Stroke in mm	10																					-	-	
	16																						-	-
	25			OHP-1P4-2-1.4																				-
	45								OHPA-3P4-2-3															-
	50																							
	60																							
	75																							
	100																							
	125																							
	150																							
	175																							
	200																							
	225			OHP-1P4-2-2																				
250																								
275																								
300																								

### Double Acting Jack

		Force in tons																					
		5	10	15	20	25	30	50	60	75	100	150	200	250	300	400	500	600	800	1000	1500	2000	
Stroke in mm	25																						-
	50																						
	60																						
	75																						
	100																						
	125																						
	150																						
	175																						
	200																						
	225																						
	250																						
	275																						
	300																						

## Selection of Pump based on Jack Speed

Hand Pump - Jack speed in mm for each pump handle stroke

Pump Type	Pressure Stage	Force in tons											
		5	10	15	20	25	30	50	60	75	100	150	200
OHP-1P4-2	Single	3.5	1.8	1.2	0.9	0.7	0.6	0.4	0.3	0.2	-	-	-
OHPA-3P4-2	1st Stage	18.8	9.4	6.3	4.8	3.9	3.4	1.9	1.7	1.3	1.0	0.7	0.5
OHPA-3P4-2	2nd Stage	3.5	1.8	1.2	0.9	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1
OHPA-4P6-2	1st Stage	92.5	46.5	31.1	23.7	19.2	16.7	9.4	8.6	6.5	4.8	3.3	2.4
OHPA-4P6-2	2nd Stage	5.4	2.7	1.8	1.4	1.1	1.0	0.5	0.5	0.4	0.3	0.2	0.1
OHPA-5P6-2	1st Stage	182.5	91.8	61.3	46.8	37.9	33.0	18.6	16.9	12.9	9.5	6.4	4.6
OHPA-5P6-2	2nd Stage	5.4	2.7	1.8	1.4	1.1	1.0	0.5	0.5	0.4	0.3	0.2	0.1

Power Pack Unit - Jack speed in mm per second

Pump Type	Pressure Stage	Force in tons														
		50	60	75	100	150	200	250	300	400	500	600	800	1000	1500	2000
OPU-2-HS	Single	2.1	1.9	1.5	1.1	0.7	0.5	0.4	0.4	0.3	0.2	0.2	-	-	-	-
OPU-3-HS	Single	3.2	2.9	2.2	1.6	1.1	0.8	0.7	0.6	0.4	0.4	0.3	-	-	-	-
OPU-5-HS	Single	5.5	5.0	3.8	2.8	1.9	1.4	1.1	1.0	0.8	0.6	0.5	-	-	-	-
OPU-2-HD	1st Stage	10.2	9.3	7.1	5.2	3.5	2.5	2.1	1.8	1.4	1.1	0.9	-	-	-	-
OPU-2-HD	2nd Stage	2.1	1.9	1.5	1.1	0.7	0.5	0.4	0.4	0.3	0.2	0.2	-	-	-	-
OPU-3-HD	1st Stage	15.5	14.1	10.8	7.9	5.4	3.9	3.2	2.7	2.1	1.7	1.4	1.1	0.9	-	-
OPU-3-HD	2nd Stage	3.2	2.9	2.2	1.6	1.1	0.8	0.7	0.6	0.4	0.4	0.3	0.2	0.2	-	-
OPU-5-HD	1st Stage	-	-	18.1	13.3	9.0	6.5	5.4	4.5	3.6	2.9	2.4	1.8	1.4	0.9	0.7
OPU-5-HD	2nd Stage	-	-	3.7	2.7	1.8	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.1
OPU-7.5-HD	1st Stage	-	-	-	18.7	12.7	9.2	7.6	6.4	5.0	4.1	3.4	2.5	2.0	1.3	1.0
OPU-7.5-HD	2nd Stage	-	-	-	4.0	2.7	2.0	1.6	1.4	1.1	0.9	0.7	0.5	0.4	0.3	0.2