

Hydraulic Core Drill

Hydraulic Core Drill SPU-A series



Max. Drilling Diameter ϕ 800 robust Pole Base



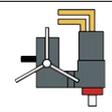
a Housing Assy.		
	Model name	SPU-A
	Weight	8.3kg
	Standard accessories	Single-ended wrench 19,36,46mm Ratchet wrench 21×26mm Parallel Key 10×8×152mm Drill Carriage fixing bolt M12×45

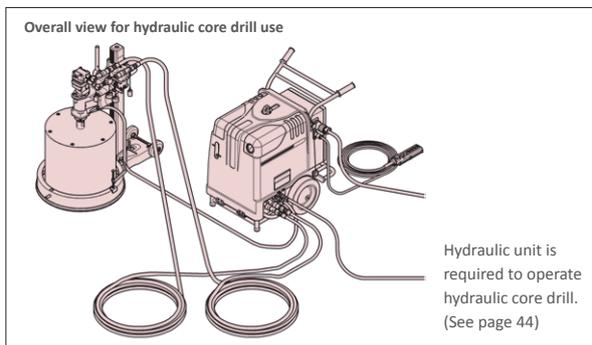
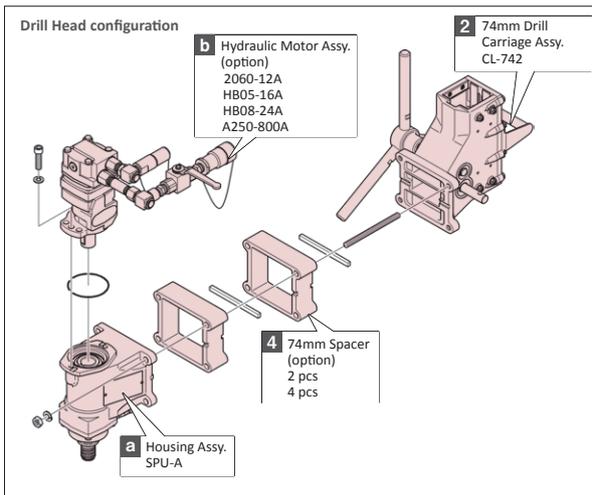
b Hydraulic Motor Assy.					
	Model name	2060-12A	HB05-16A	HB08-24A	A250-800A
	Drill head model name	SPU-12A	SPU-16A	SPU-24A	SPU-800A
	Weight	12.0kg	13.0kg	13.3kg	14.0kg
	Standard Accessories	O-ring, Hex. Bar Wrench 10mm Fixing bolt for housing assy.			

* Hydraulic Wall Cutter CHW-50A on page 30 uses same hydraulic motor.

Common Option 74mm Drill Carriage Assy.

<Configuration diagram with 74mm Drill Carriage Assy.>

2 74mm Drill Carriage	b Hydraulic Motor Assy.	a Housing Assy.	4 74mm Spacer	Max. Core Bit Dia.	Autofeed	Assembled figure	Drill Head model name
 CL-742	 2060-12A HB05-16A HB08-24A A250-800A	 SPU-A	Not needed	ϕ 406	Impossible to mount		SPU-12A
			Not needed	ϕ 406			SPU-16A
			2 pcs can be assembled	ϕ 600			SPU-24A
			4 pcs can be assembled	ϕ 800			SPU-800A



Assembled Drill Head specifications				
Drill Head model name	SPU-12A	SPU-16A	SPU-24A	SPU-800A
a Housing model name	SPU-A			
b Hydraulic Motor model name	2060-12A	HB05-16A	HB08-24A	A250-800A
2 Applicable Drill Carriage Assy.	74mm Drill Carriage Assy. CL-742			
4 Spacer qty	0	1	2	3
Rated Pressure	21MPa			
Rated torque	19daN-m	24daN-m	34daN-m	68daN-m
Max. discharge	54litter/min	79litter/min	95litter/min	
Max. rotation speed	850min ⁻¹	898min ⁻¹	746min ⁻¹	389min ⁻¹
(Use with E-1524 50/60Hz)	673/807min ⁻¹	484/580min ⁻¹	339/407min ⁻¹	169/203min ⁻¹
(Use with E-2002A 50/60Hz)	748/850min ⁻¹	538/647min ⁻¹	377/453min ⁻¹	188/226min ⁻¹
Core bit	Min.	2"(53mm)	4"(110mm)	8"(205mm)
	Max.	12"(305mm)	16"(406mm)	20"(500mm) 24"(600mm) 28"(700mm) 32"(800mm)
Core bit connection	A rod screw			
Applicable core bit	A-rod screw: Three pieces type core bit			
	A-rod screw: One body thin core bit			
Size	W	328mm	357mm	357mm
	L	466mm	466mm	518mm
	H	450mm	474mm	480mm
Weight		30.0kg	31.0kg	32.5kg
			33.5kg	35.5kg

- SPU-A series has to be chosen necessary options and finish the core drill.
- With preparing several hydraulic motor, it's possible to drill optimal rotation speed.