

5.7 Hydraulic Power Unit

TFI hydraulic power unit supplies hydraulic power to various components on the drilling rig. It features a small overall dimension, user friendly controls, widely adjustable range, and explosion proof motor.

Model		YZBF-120LD	YZBF-120LD-2	YZBS-120LD	YZBS-120LD-2
Rated Flow Rate	L/min	80 / 120	120	Main:120 Auxiliary:40	120
	gpm	21 / 31.7	31.7	Main:31.7 Auxiliary:10.6	31.7
Max. Pressure	MPa	21.5 / 14	20	20 / 16	20
	psi	3120 / 2030	2900	2900 / 2320	2900
Rated Pressure	MPa	16	16	16	16
	psi	2320	2320	2320	2320
Power Rating	kW	600	900	1000	900
	HP	158.5	238	264	238
Input Power	kW	37	37	Main:45 Auxiliary:11	37
	HP	49.6	49.6	Main:60.3 Auxiliary:15	49.6
Fan Motor Power	kW	0.37×2	0.37×2	-	-
	HP	0.5×2	0.5×2	-	-
Radiation Area	m ²	40	40	8 (water cooled)	10 (water cooled)
	ft ²	430	430	86.1	107.6
Overall Dimension in	mm	1650×1300×1600	1950×1450×1750	1900×1700×1850	1750×1350×1750
	in	65×51×63	77×57×69	75×67×73	69×53×69
Weight	kg	1600	2400	2800	2400
	lbs	3527	5290	6173	5290

