

Discover the Tuhorse range of solar bore pumps

Item Code	2S370-40/ 400	3S210-40/ 400	3S500-40/ 800	4S500-40/ 800	4S1000-40/ 800	4S1000-40/ 1600	4S1000C-40/ 800	4S1000C-40/ 1600	4H2200/ 2750-BF11	4H2200/ 2750-19/90	4H2200/2750/ ST6/144	4H2200/ 2750-14/165	4H2200/ 2750-A16
Pump Type	Helical Screw	Helical Screw	Helical Screw	Helical Screw	Helical Screw	Helical Screw	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Pump End Size	2"	3"	3"	4"500W	4"1000W	4"1000W	A-08	A-08	BF-11	19/90	ST6/144	14/165	A-16
Motor Power	370W	210W	500W	500W	1000W	1000W	1000W	1000W	2200W	2200W	2200W	2200W	2200W
240V Compatibility	Yes - External	Yes - External	Yes - External	Yes - External	Yes - External	Yes - External	Yes - External	Yes - External	Yes - In-built	Yes - In-built	Yes - In-built	Yes - In-built	Yes - In-built
Pump Diameter	2"	3"	3"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
Outlet Size	1/2"	3/4"	3/4"	1"	1"	1"	1.25"	1.25"	1.25"	2"	2"	1.25"	1.25"
Recommended Solar Panels	2 x 200W	2 x 200W	4 x 200W	4 x 200W	4 x 200W	8 x 200W	4 x 200W	8 x 200W	10 x 275W	10 x 275W	10 x 275W	10 x 275W	10 x 275W
Panel Power Required (W)	400W	400W	400W	800W	800W	1600W	800W	1600W	2750W	2750W	2750W	2750W	2750W
Control Voltage Range (V)	36-48V	36-48V	36-48V	36-48V	96-110V	96-110V	96-110V	96-110V	Switchbox	Switchbox	Switchbox	Switchbox	Switchbox
Input Voltage (Max Voc)	100V/DC	100V/DC	100V/DC	100V/DC	200V/DC	200V/DC	200V/DC	200V/DC	440Voc	440Voc	440Voc	440Voc	440Voc
Suitable Head Range (m)	10-90m	10-60m	10-90m	10-70m	10-80m	10-120m	10-70m	10-120m	10-80m	10-80m	10-120m	10-140m	10-190m
Max Flow Rate (L/hr)	2,100 L/hr	1,860 L/hr	2,500 L/hr	3,300 L/hr	3,600 L/hr	3,900 L/hr	4,000 L/hr	4,800 L/hr	8,400 L/hr	12,200 L/hr	6,000 L/hr	9,000 L/hr	5,100 L/hr
Max Head Height (m)	90	60	90	70	80	120	70	120	80	90	120	150	190

Head Level (m)	Flowrate (Q) Litres/minute												
10	35	31	43	55	60	65	67	80	140	204	100	151	85
20	31	25	40	50	57	63	63	72	140	177	100	140	85
30	27	20	38	44	50	60	58	68	140	144	92	127	85
40	26	15	34	36	40	58	47	62	135	105	85	111	85
50	25	10	30	28	35	57	25	58	120	74	77	95	85
60	21	5	25	20	30	54	13	50	100	53	70	78	85
70	18	x	19	10	20	50	8	45	80	36	65	60	75
80	14	x	15	x	15	47	x	35	60	22	60	50	72
90	10	x	10	x	x	42	x	25	x	6	53	41	69
100	x	x	x	x	x	35	x	18	x	x	46	32	65
110	x	x	x	x	x	27	x	15	x	x	39	27	60
120	x	x	x	x	x	15	x	8	x	x	20	21	54
130	x	x	x	x	x	x	x	x	x	x	x	16	49
140	x	x	x	x	x	x	x	x	x	x	x	11	43
150	x	x	x	x	x	x	x	x	x	x	x	8	42
160	x	x	x	x	x	x	x	x	x	x	x	x	41
170	x	x	x	x	x	x	x	x	x	x	x	x	40
180	x	x	x	x	x	x	x	x	x	x	x	x	32
190	x	x	x	x	x	x	x	x	x	x	x	x	28
200	x	x	x	x	x	x	x	x	x	x	x	x	x