

PLANT SPECIFICATIONS

DRILLS

Manufacturer	Model	Year	Power Rating		Weight		Foot Print		Thrust		Pullback		Torque		Rotary Speed (RPM)	Drill Angle (Degrees)	Mud Flow Rate		Mud Pressure	
			(kW)	(HP)	(kg)	(tn)	(m)	(Ft)	(kg)	(lb)	(kg)	(lb)	(Nm)	(Ft-lb)			(L/min)	(Gal/min)	(bar)	(PSI)
American Augers	DD440T	2009	292	[340]	43,280	[47.7]	14.9 x 2.5	[49 x 8]	199,590	[440,000]	199,590	[440,000]	81,360	[60,000]	80	10° - 18°	2,460	[650]	103	[1,500]
Vermeer	D80 x 100	1999	149	[199]	16,875	[18.6]	8.5 x 2.5	[28 x 8]	22,680	[50,000]	36,290	[80,000]	13,540	[10,000]	190	15° - 21°	760	[200]	83	[1,200]
Vermeer	D50 x 100	1997	138	[185]	13,245	[14.6]	6.5 x 2.5	[21 x 8]	13,600	[30,000]	22,680	[50,000]	4,470	[3,300]	160	15° - 21°	570	[150]	69	[1,000]
Astec	DD3238	2005	93	[125]	8,047	[8.9]	6.1 x 2.2	[20 x 7]	14,515	[32,000]	14,515	[32,000]	5,152	[3,800]	225	16° - 27°	178	[47]	103	[1,500]
Ditchwitch	JT860	1995	63	[85]	4,260	[4.7]	5.9 x 1.8	[19 x 6]	10,200	[22,000]	10,200	[22,000]	2,575	[1,900]	110	14° - 88°				
Ditchwitch	JT1720	2000	57	[75]	4,763	[5.3]	5.1 x 1.4	[17 x 5]	7,710	[17,000]	7,710	[17,000]	2,440	[1,800]	200	15° - 20°	95	[25]	48	[700]
Ditchwitch	JT 820	1993	30	[40]	2,495	[2.7]	4.7 x 1.1	[15 x 4]	3,175	[7,000]	3,175	[7,000]	1,152	[850]	150	15° - 20°	11	[3]	103	[1,500]
Ditchwitch	JT440	1992?	31	[42]	431	[0.5]	4.5 x 0.9	[15 x 3]	1,950	[4,300]	1,950	[4,300]	678	[500]	200		7	[2]	103	[1,500]
Ditchwitch	JT215	1990	12	[16]	272	[0.3]	2.7 x 0.7	[9 x 2]	1,497	[3,300]	1,497	[3,300]	339	[250]	170					
Ditchwitch	JT2020	2012	63	[85]	5,260	[5.2]	5.2 x 2.4	[17 x 8]	7,710	17,000	9,072	[20,000]	2,980	[2,200]	260	10° - 18°	120	[32]	103	[1,500]
Ditchwitch	AT30	2015	122	[163]	17,075	[17.08]	2.3 x 5.6	[18 x 7]	11,250	24,800	13,608	[30,000]	5,420	[4,000]	230	10° - 16°	189	50	103	[1,500]