

Reference list - Microtunnelling machine deliveries
up to 2011



No.	System	Type	Diameter	Drive length (in m)	Customer	Country	Ground classification
1	mts2000L3	Slurry	ID1600/ID1800	400	Cavosa Obras y Proyectos SA	Spain	2-7
2	mts1000M2	Slurry	ID700	100	SUPER EXCAVATORS, INC.	USA	1-4
3	mts2000L3	Slurry	ID1600/ID1800	200	Thrustboring Construction Co Ltd	UAE	2-6
4	mts2000L3	Slurry	ID1200	150	Thrustboring Construction Co Ltd.	UAE	2-6
5	mts1000M2	Slurry	ID700	150	Bamtunnelstroi	Russia	2-5
6	mts2000L3	Slurry	ID1200	300	Cavosa Obras y Proyectos SA	Spain	2-7
7	mts2000L5	Slurry	ID1200 + ID1800	300	Frank Coluccio Construction Co.	USA	1+2+3
8	mts400	Auger	ID200/ID300	80	Grupo Construcap	Brazil	2-3
9	mts2000M3	Slurry	ID1200/ID1400	500	United Gulf Construction Co.	Kuwait	1-7
10	mts2000L3	Slurry	ID1800/ID2000	500	United Gulf Construction Co.	Kuwait	1-7
11	mts400	Auger	ID220	80	Wanganui Drainage Contractors Ltd	New Zealand	2+3
12	mts1000M2	Slurry	ID 400 + ID600	200	Ilesa S.p.A.	Italy	2+3
13	mts1000L3	Slurry	ID800/ID1000	150	Thrustboring Construction Co Ltd.	Kuwait	1+6
14	mts1000A	Auger	ID300/ID400	100	Tief u. Wasserbau Boblitz GmbH	Germany	2+3+4
15	mts2000L3	Slurry	ID1800	500	Leighton/Kumagai Joint Venture	Hong Kong	1-7
16	mts2000L4	Slurry	ID1600/ID1800	500	McConnell Dowell Constructors	Australia	1-7
17	mts1000M2	Slurry	ID800	200	Tief u. Wasserbau Boblitz GmbH	Germany	1-5
18	mts1000M2	Slurry	ID600/ID700 + ID1000	200	Witte Spezialtiefbau GmbH & Co.KG	Germany	1-6
19	mts2000M3	Slurry	ID1200	300	GPR1	Russia	1-4
20	mts2000M3	Slurry	ID1500	400	Krot	Russia	1-4
21	mts2000L5	Slurry	ID1600/ID1800	600	Zublin International GmbH	Germany	1-5
22	mts1000M2	Slurry	ID800	180	Al Muhaidib Contracting Co.	Saudi Arabia	1-6
23	mts2000L3	Slurry	ID1800	400	Artic Building and Civil Engineering	Malaysia	1-7
24	mts1000M3	Slurry	ID1500 / ID1800	220	Burhan International Construction CO WLL	Kuwait	1-5
25	mts2000L3	Slurry	ID1800/ID2400	400	Groundmat	Taiwan	4-7
26	mts2000M3	Slurry	ID1500	450	Rakson	Russia	1-6
27	mts2000L5	Slurry	ID1200	850	Zublin International GmbH	Germany	1-5
28	mts2000M3	Slurry	ID2000	400	GPR1	Russia	1-4
29	mts3000TBM	EPB	ID2800	1300	GPR1	Russia	1-4
30	mts1000M2	Slurry	ID1000	200	Ilesa S.p.A.	Italy	1-4
31	mts2000M3	Slurry	ID1400/ID1600	500	Ilesa S.p.A.	Italy	1-4
32	mts2000L3	Slurry	ID2400	520	Konstruktor Engineering D.D	Qatar	6
33	mts2000M4	Slurry	ID1000/ID1500/ID1600	400	MRA Insaat AS Construction	Libya	1-7
34	mts1000M2	Slurry	ID1200/ ID1350/ ID1500	150	PREMIDON CONSTRUCTION SDN BHD	Malaysia	1-3
35	mts1000M2	Slurry	ID1000/ID1200	150	PREMIDON CONSTRUCTION SDN BHD	Malaysia	1-3
36	mts2000M3	Slurry	ID2000	500	Rakson	Russia	1-7
37	mts2000M3	Slurry	ID1200/ID1400	300	SIM Sondaj Insaat Makina	Turkey	1-7
38	mts2000M3	Slurry	ID1500	300	Winslow Infrastructure Pty Ltd	Australia	1-7
39	mts1000M2	Slurry	ID800	150	Ajmix Sp. z o.o.	Poland	1-6
40	mts1000M2	Slurry	ID800	100	Demirtas Insaat Taah.Tic.	Turkey	1-4
41	mts2000L5	Slurry	ID2000/ID2500	450	Ghizzoni S. P. A.	Italy	2-7
42	mts2000M3	Slurry	ID1500	400	GPR1	Russia	3-7
43	mts1000A	Auger	ID400	110	HARKER Underground Construction Ltd.	New Zealand	2+3
44	mts2000S3	Slurry	ID1200/ID1400	300	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
45	mts1000M3	Slurry	ID1000/ID1200	300	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
46	mts2000M3	Slurry	ID1800/ID2200	500	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
47	mts1000M3	Slurry	ID1200	200	Kstroj	Russia	1-5
48	mts2000M3	Slurry	ID2000	450	Rakson	Russia	1-7
49	mts1000M2	Slurry	ID800/ID1000	200	Riemmer	Russia	3-5
50	mts2000L4	Slurry	ID1500	600	STS Al-Ta'afuf Company	Saudi Arabia	3-5
51	mts2000M3	Slurry	ID2000	500	Supr	Russia	3-5
52	mts2000M2	Slurry	ID1200	300	Teplotzenterstroi	Russia	1-7
53	mts1000M2	Slurry	ID1000	150	Unity Infraprojects Limited	India	3-5
54	mts1000M3	Slurry	ID1500	150	Unity Infraprojects Limited	India	3-7
55	mts1000M3	Slurry	ID800/ID1000	200	Brisbane CityWorks	Australia	1-7
56	mts1000M2	Slurry	ID600/ID800	150	C&L Telekom Spzoo	Wroclaw, Poland	3
57	mts1000M4	Slurry	ID800/ID1000	320	DrillTec GUT GmbH (Streicher)	Sotchi, Russia	3+7
58	mts1000M2	Slurry	ID800/ID1000	180	Efficio Piling & Tunneling Contracting LLC	Dubai, UAE	4-5
59	mts2000L3	Slurry	ID2200	290	Jay Dee/ Cincinnati Tunnel Partners	USA	1-6
60	mts1000M2	Slurry	ID600/ID700	200	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
61	mts2000L	Rock	ID2200	400	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
62	mts1000M3	Slurry	ID1000/ID1200	300	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
63	mts2000L3	Slurry	ID2400	600	Melbourne Water/Pipeline Alliance	Australia	2-3
64	mts1000M2	Slurry	ID600/ID800	150	Sobet S.A.	Poland	2-3
65	mts1000M3	Slurry	ID800/ID1000	200	Swee Hong Engineering Construction	Singapore	3
66	mts2000M4	Slurry	ID1500	450	Thermoservice	Russia	1-6
67	mts1000M3	Slurry	ID1200/ID1400	300	Tief u. Wasserbau Boblitz GmbH	Germany	2-4
68	mts1000M3	Slurry	ID1200/ID1500	200	Brisbane CityWorks	Australia	1-7
69	mts2000L3	Slurry	ID1800/ID2000	240	Desert Diamond Contracting	Doha, Qatar	6
70	mts1000M3	Slurry	ID1200/ID1400	300	Krimmley General Contracting Co Ltd	Saudi Arabia	5-6
71	mts1000M3	Slurry	ID1200/ID1400	200	TATCO Boring & Installations Est.	Abu Dhabi, UAE	2-6
72	mts1000S2	Slurry	ID600/ID700	110	Vilkograd	Croatia	1+2
73	mts1000M3	Slurry	ID800	150	Winslow Infrastructure Pty Ltd	Australia	1-7
74	mts1000M3	Slurry	ID1500	300	Abikorp	Poland	3-4
75	mts1000S2	Slurry	ID800	150	Burhan International Construction CO WLL	Qatar	4-6
76	mts1000S2	Slurry	ID800	200	Burhan International Construction CO WLL	Qatar	4-6
77	mts2000L3	Slurry	ID2400	350	Desert Diamond Contracting	Doha, Qatar	6
78	mts2000M4	Slurry	ID1500/ID1800	450	Heleno Fonseca Construtecnica S/A	Brazil	2-6
79	mts2000L4	Slurry	ID2000	550	La Falce	Italy	3-6
80	mts2000M3	Slurry	ID1800	300	Swee Hong Engineering Construction	Singapore	3-5
81	mts2000M3	Slurry	ID1600/ID1800	300	TATCO Boring & Installations Est.	UAE	2-5
82	mts1000M3	Slurry	ID1200/1400	200	Unity Infraprojects Limited	India	4-7

Ground classification	Description
1	Boulders / Cobbles
2	Sand / Gravel
3	Plastic/Stiff/Clay/Marl
4	Silts
5	Shale, Chalk, Glacial Till, Marl
6	Sandstone, Mudstone, Limestone
7	Hard Rock over 5000psi