

To open an issue please click the Issue number in the Issue column below ↓

Articles by News/Technology Subsection	Company	Issue	Page
Pipe Jacking, Microtunnelling & Auger Boring			
Connecting A New Build Development To The Sewer Network	Trenchless Solutions	172	13
Flood Alleviation Works For Leyland	Trenchless Solutions	171	10
Digger Shield Takes The Express Route To Atlanta	Kelley Engineered Equipment	170	14
Robbins Main Beam Carves Out A Win In Louisville	The Robbins Company	170	15
Everything Under One Roof	VMT GmbH	170	10
First Milestone Achieved On The Brenner Base Tunnel Mega Project	Herrenknecht AG	168	11
McConnell Dowell Record	McConnell Dowell	168	11
Breakthrough In Turkey's Hardest Rock	The Robbins Company	168	13
Europe's Biggest Boring Machine Breaks Through	Herrenknecht AG	167	15
Pipe Jacking Record Set In Auckland	McConnell Dowell	167	14
Pipe Arch Support Installation With Blind Hole Drilling	Perforator	167	14
Installing A New Wastewater Connection To The Käppala Tunnel	Johan Lundberg AB	166	11
Cross River Rail Tunnel Underway	Cross River Rail Project	165	7
Complex Improvements Close to Home	Akkerman	164	9
Robbins Main Beam Overcomes Obstacles In Guangxi Province	The Robbins Company	163	15
Golden Beaver Award For Jack Brockway	Herrenknecht AG	161	14
Robbins Unveils Largest Hard Rock TBM In The U.S.	The Robbins Company	161	13
TBMs Set A Fast Pace In Swabia	Herrenknecht AG	160	14
History Made Under Sydney Harbour	Sydney Metro	160	13
TBMs To Bore Second Severomuysky Tunnel	The Robbins Company	160	12
First Stretch Of Super Sewer Complete	Tideway	160	13
Tunnel Boring Set To Begin For Coxwell Bypass Tunnel In Toronto	Toronto DRCW Project	160	14
Ormeau Avenue Sewer Project Completed	NI Water	158	12
Precast Concrete Pipes Play A Major Role In North East Highways Project	FP McCann	157	13
Small Double Shield Makes A Monumental Achievement	The Robbins Company	157	13
Aircraft Take-Offs Above - Tunnel Construction Below	Herrenknecht AG	155	12
INDOT Improvements Project Tunnel	Midwest Mole	154	12
Final Breakthrough At Emisor Oriente	The Robbins Company	154	13
Successful Re-Use Of Herrenknecht TBM In The Hague	Herrenknecht AG	153	13
Notable Breakthrough for Robbins TBMs	The Robbins Company	153	13
Herrenknecht Wins Coveted Innovation Award	Herrenknecht AG	152	16

Tunnelling Tanya Breaks Through In Paisley	Scottish Water	152	16
Final Double Breakthrough On The Follo Line	Herrenknecht AG	151	11
Robbins EPB and Conveyors at Emisor Oriente	The Robbins Company	151	12
Extending Microtunnelling Technology Limits	Michels Corp.	150	14
Robbins Crossover TBM completes Turkey's Longest Water Tunnel	The Robbins Company	150	15
Innovation Nomination For E-Power Pipe®	Herrenknecht AG	149	11
Getting Ready To Build London's Super Sewer From Greenwich	Tideway	148	12
New Drains For Singapore	Herrenknecht AG	146	9
Beginning And Ending With Robbins TBMs	The Robbins Company	146	8
Saving Time In Florida's Sand	American Augers	145	14
Double Breakthrough On The Follo Line	Herrenknecht AG	145	13
In With The Old And Out With The New	Scottish Water	145	12
Crossover TBM 'Rosie' Flexes Her Muscle	The Robbins Company	145	11
'Diggory' Gets To Work At Castlerigg	United Utilities	145	11
Direct Pipe® World Record In New Zealand	Herrenknecht AG	144	12
About-Turn For 'SUSE' In The Filder Tunnel	Herrenknecht AG	144	14
Conquering The Himalayas	The Robbins Company	144	13
Käthchen Achieves Breakthrough	Herrenknecht AG	143	8
Twin Robbins Crossover TBMs To Bore On Mumbai Metro Line 3	The Robbins Company	143	8
Morrow Enterprises Stays On Target With Auger Boring	McLaughlin	142	10
Kilmarnock UTX Aids £120 Million Water Supply Investment	Scottish Water	142	12
Record-Setting Robbins TBM Breaks Through At Jilin	The Robbins Company	142	13
Successful Reuse Of An AVN Machine In France	Herrenknecht AG	141	19
Hand-Digging Tunnelling Team Shifts 90 Tonnes Of Earth	Scottish Water	141	21
Europe's First Crossover TBM Breaks Through At Moglicë	The Robbins Company	141	20
Top Performance Against An Historic Backdrop	Traco-Technik	141	17
All-Rounder TBM Modernises Czech Infrastructure	Herrenknecht AG	140	16
Installing New Accesses At Bank Station	Terra Solutions	140	14
Robbins TBM Uncovers Spectacular Cavern At Galerie des Janots	The Robbins Company	140	17
Drainage Channel Construction In Freudenstadt	Herrenknecht AG	139	11
Veteran Robbins TBM Aids Ending OF Residential Flooding	The Robbins Company	139	12
Contract Double For Major Tunnelling Projects	VIP Polymers	139	11
Robbins Main Beam Breaks Records In China	The Robbins Company	138	9
Breakthroughs In West Africa And Sinai	Herrenknecht AG	137	12

Ahead Of The Curve	Akkerman	136	7
A New Dimension In Hard Rock Tunnelling	Herrenknecht AG	136	10
Cross Rail Cross Passages Drainage With Front Steer Auger Boring	Terra Solutions	136	9
Tunnel Construction Complete On Scotland's Biggest Sewer	Scottish Water	135	9
Third EPB Complete Bore For Chennai Metro Project	The Robbins Company	135	10
Robbins Slurry TBM Ramps Up For Mumbai Metro Line 3	The Robbins Company	133	11
Final Double Breakthrough On The Emscher Sewer	Herrenknecht AG	132	8
Crabtree Road – UTX Microtunnelling Project	Terra Solutions	132	7
Nepal's First TBM Is A Robbins Double Shield	The Robbins Company	132	9
New Utilities For Monterrey International Airport	Akkerman	131	10
Herrenknecht Successes Across Europe and North America	Herrenknecht AG	131	12
Record-Breaking Crossover TBM Makes Final Breakthrough	The Robbins Company	131	11
Akkerman Successes In Canada	Akkerman	130	12
John Holland Wins Sydney Metro Harbour Rail Crossing Tunnelling Work	John Holland	130	14
'Rosie' - The First Crossover TBM In The U.S.	The Robbins Company	130	13
Guided Auger Boring At Wokingham Wastewater Treatment Plant	Terra Solutions	129	5
Robbins Celebrates Tough Tunnels For Clean Energy	The Robbins Company	129	7
TBM Takes On Eighth Bore	The Robbins Company	128	8
Akkerman Technology On The Global Stage	Akkerman	127	12
Robbins Single Shield To Repair A Part Of The World's Longest Tunnel	The Robbins Company	127	13
Robbins Double Shield Digs The Andes	The Robbins Company	126	12
Keeping Microtunnelled Pipelines On Track	VMT GmbH	126	10
Pipeline Crossing In A Single Step	Herrenknecht AG	125	9
Cooling Water Pipeline For The Voestalpine Steel Plant	HOBAS	125	10
National Grid Gas Distribution's Biggest Civil Engineering Project Get's Under Way	National Grid	124	10
Akkerman Introduces The Guide Rod Swivel	Akkerman	123	7
Herrenknecht In Ecuador And Hong Kong	Herrenknecht AG	123	8
Robbins From Atlanta To Bangalore	The Robbins Company	123	9
Successes with Guided Boring and Tunnelling Across North America	Akkerman	122	9
Doha Tunnels Its Way To The Top	Herrenknecht AG	122	11
Boring Tunnels Below Indianapolis	The Robbins Company	122	10
Versatile Microtunnelling At Minimal Risk	Edge Underground/Vermeer	121	9
Nothing Run Of The Mill In Florida	Herrenknecht AG	121	13
Auger Boring Through Lecce Limestone	HOBAS	121	11

Constructing The Future Of Public Transport For Northwest Sydney	VMT GmbH	120	7
Trenchless Installations Support Major Road Improvement Scheme	Naylor Drainage	118	11
Robbins Achieves Another Breakthrough In Bangalore	The Robbins Company	118	13
Varying Utility Bores For Akkerman GBM Systems	Akkerman	117	10
Mexico's Crossover TBM Makes Its Mark	The Robbins Company	117	12
Robbins EPB Surmounts Chennai Metro Challenges	The Robbins Company	115	9
Varied Projects For Akkerman	Akkerman	114	9
Røssåga Main Beam Sets Norwegian Milestone	The Robbins Company	112	10
Enlarging Farnworth For Electrification	Tunnel Engineering Services	112	8
HERRENKNECHT Closes East/West Gap In Berlin	Herrenknecht AG	111	9
Modern Drainage For Doha	Herrenknecht AG	110	10
Robbins Main Beam Ramps Up At Mid-Halton Outfall Tunnel	The Robbins Company	110	10
Combining Technologies Brings Success	Akkerman	109	7
The Ultimate Breakthrough	Herrenknecht AG	109	8
Record Microtunnelling with HOBAS® Pipes	HOBAS	109	5
Robbins Crossover TBMs In New Territory	The Robbins Company	109	7
Variable Density Technology: A Game Changer for Kuala Lumpur	Herrenknecht AG	108	6
Perforator Introduces the New RS-HV Pipe Steering System	Perforator	108	6
Speedy SBU Finishes Crossing Two Weeks Early	The Robbins Company	107	8
Main Beam TBM Launches For Hawaii's Longest Tunnel	The Robbins Company	107	9
Eight TBM Ladies Set The Pace In London Tunnel Marathon	Herrenknecht AG	106	9
Pipe Jacking -The Test Of Time	Akkerman	105	10
GRP Culverts Jacked Under Railway	HOBAS	105	9
Perforator PBA125 Launches At Berlin Wasser	Perforator	105	11
Akkerman Drives Microtunnel Installation	Akkerman	104	6
Pipe Express® : Fast Installation Through Groundwater Near Stockholm	Herrenknecht AG	104	7
Robbins Goes For Gold In Indianapolis	The Robbins Company	104	6
London Bridge Uses Timber Headings For Sewer Upgrading Works	iLine Group	103	10
Robbins TBM Crossover Series	The Robbins Company	103	8
Cooperation – The Key To Success On A Challenging Auger Bore For Crossrail	Naylor Drainage	102	5
Robbins Teams Up To Bring Embattled TBM Back To Life	The Robbins Company	102	9
Barhale Tunnels To Success Ahead Of Programme	Barhale	101	6
Teamwork Ensures Swift Pipe Jacking Under The Elbe	Herrenknecht AG	100	4
Tunnel to Wonderland - TBM Alice Starts Second Drive	Herrenknecht AG	100	5

Robust Robbins EPB begins Light Rail Link	The Robbins Company	100	5
Pressure Jacking Pipes For A Sea Outlet in Bulgaria	HOBAS	98	6
Pipe Jack Option For Difficult Under-Track Crossing In West Sussex	PERCO	98	4
Akkerman Rigs On Iowa Trenchless Project	Akkerman	97	8
Flood Protection In Qatar	Herrenknecht AG	96	14
Two More Breakthroughs For Robbins Machines	The Robbins Company	96	14
The Filder Tunnel Kicks-Off	Herrenknecht AG	95	6
Synchronised Auger Boring For Multi-Million Pound Residential Development	Mosley Moling	95	5
Terratec MTBM Completes Project In Thailand	Terratec	95	6
Milestones for Robbins	The Robbins Company	95	7
Akkerman Projects Across The Americas	Akkerman	94	11
US Breakthroughs for Robbins	The Robbins Company	94	11
Robbins Trio Make Multiple Breakthroughs In Malaysia	The Robbins Company	93	8
Guided Boring Completes Multiple Crossings Beneath The Uslava River	Vermeer	93	6
Record Pilot Tube Bore for Mobile	Akkerman	92	9
Direct Pipe Comes To Canada	Michels	92	8
Ultramodern Metro System For Qatar's Capital	Herrenknecht AG	91	5
Robbins EPB Pushes The Limits In Beijing	The Robbins Company	91	6
Between A Rock And A Hard Place	Bauer Equipment	90	5
XXL TBMs In The Yangtze River Delta	Herrenknecht AG	90	6
Multiple Site Success for Robbins TBMs	The Robbins Company	90	8
Røssåga Machine marks the Return of Robbins TBMs to Norway	The Robbins Company	89	6
Direct Pipe - The First Time In Canada	Herrenknecht AG	88	6
Headrace Tunnel For Bärenwerk Hydropower Plant	Herrenknecht AG	88	7
Ohio's Double Shield Launched	The Robbins Company	88	7
Rapid Robbins Main Beam Reaches Record Production In Mumbai	The Robbins Company	87	7
Multiple Successes for Herrenknecht Tunnelling Machines	Herrenknecht AG	85	6
Tunnel Breakthrough In The Sunshine State	Herrenknecht AG	84	11
No Dig Solution For New Swindon Sewer Development	Stanton Bonna	84	10
TES Expands Operations With A View To Further Increases In Product Range	Tunnel Engineering Services	84	10
Robbins Record Breaker Races Through Rock	The Robbins Company	83	5
Sea Outfall In Sochi Breaks Record	Herrenknecht AG	82	6
Robbins Record Breaker On Moscow Metro	The Robbins Company	82	7
Vermeer Axis Guided Boring System Helps Keep British Army Base Dry	Vermeer	81	7

Fast And Safe Through Wuxi	Herrenknecht AG	80	7
Breakthrough At Southeast Asia's Longest Tunnel	The Robbins Company	80	8
Tunnel For New Energy Centre In Bern	Herrenknecht AG	79	9
Polish Microtunnel Uses World's Largest VC Pipes	Kielce University of Technology	79	8
Bi-Directional Pipe Steering System	Perforator	79	10
Akkerman Introduces The Eliminator GBM Tool	Akkerman	78	6
PIPE EXPRESS® Nominated For BAUMA Innovation Award	Herrenknecht AG	78	7
Robbins Slurry TBM Emerges From Below Zhanjiang Bay	The Robbins Company	78	7
Jacking Pipes For Drainage Works On Social Housing Projects In Brunei	Naylor Drainage Ltd	77	10
Robbins TBM Completes Swiss Safety Tunnel	The Robbins Company	77	10
Microtunnelling Successes For Coluccio	Frank Coluccio	75	9
Salmon Habitat Restored By Distinct Methods	Akkerman	74	8
Herrenknecht Supplies TBMS To Rio And Gdansk	Herrenknecht AG	74	9
Aker Wirth Delivers First Koralm tunnel Machine	Aker Solutions	73	18
Global Tunnelling Ops Continue For Herrenknecht	Herrenknecht AG	73	18
Notched Thrust Casing Assembly	Akkerman	72	14
Tunnelling Targets For Herrenknecht	Herrenknecht AG	72	14
Limited Site Access Leaves Trenchless As The Only Option For Pipeline Installation	Perforator	69	6
'Lizzie' Lines Up On The Lee Tunnel	Thames Water	64	6
Guided Auger Boring Aids River Quality Improvement Work In Blackburn	Trenchless Solutions Ltd	63	8
Akkerman Reveals New Conventional Products And More At ICUEE	Akkerman	62	6
Afghan SBU Flies Below Bagram Airfield	The Robbins Company	61	7
World Record Tunnel Boring Machine For Orlovski Tunnel	Herrenknecht AG	60	7
Achieving Great things in Pipe Jacking	Akkerman	57	7
Microtunnelling For A Combined Sewage Collector In France	HOBAS	57	9
Clean Water For The Vistula River In Warsaw	Herrenknecht AG	56	8
Last Gotthard Tunnel Section Successfully Completed	Herrenknecht AG	55	8
Water Transfer Pipeline Utilises Multiple Tunnelling Technologies Including EPB	Tunnel Engineering Services	55	6
Perforator Guided Auger System Aids Flood Alleviation In Lancashire	Perforator	54	7
The Benefits of Disc Cutters	TA Drilling/American Augers	53	8
VMT Guidance System Aids Pipejack Record For The Southern Hemisphere	VMT GmbH	53	6
Gigantic TBM For Italy	Herrenknecht AG	52	6
Microtunnelling to Protect the River Seine	HOBAS	52	6
Zurich Rests on HOBAS	HOBAS	51	8

Successful Premiere For Direct Pipe® In The U.S.	Herrenknecht AG	50	10
HOBAS At IFAT Entsorga 2010	HOBAS	49	7
First planned curved microtunnel successfully completed in the USA	VMT GmbH	48	5
GRP Jacking Pressure Pipes Form Part of Venice's Major Environmental Plan	HOBAS	47	6
House Wastewater Connection Using A Steerable Auger	Tracto-Technik	47	7
Double Crossing Of The M62 Using Auger Boring Techniques	Chiltern Thrustbore	46	7
New Record-Breaking TBM Extends Highway network In Italy	Herrenknecht AG	46	8
Auger System Aids Motorway Crossings Project	Perforator	46	5
First Planned Curved Microtunnel For The US	VMT GmbH	46	7
HOBAS Opens Top-Level Research Centre	HOBAS	45	6
Akkerman Offers New Options in Guided Boring	Akkerman	44	7
Trenchless Installation Of A New House Connection Pipe	Tracto-Technik	43	6
Powered Reaming Head Upsizing Tool For GBM's	Akkerman	42	8
HOBAS® Goes XXL	HOBAS	42	7
Trenchless Installation Methods For Sea Outfalls	Herrenknecht AG	41	7
Monumental Distance Proves No Obstacle for Mixed Ground Cutterhead	The Robbins Company	40	9
Peace of Mind for Christmas After New Drains Are Completed Early	Thames Water/Barhale	39	6
McLaughlin Introduces Innovative Pipeline Boring Machine and Auger Borer	McLaughlin	38	7
Microtunnelling Across Europe	HOBAS	37	6
Pilot Tube Microtunnelling System Debuts In The UK	Tunnel Engineering Services	35	9
New Milestone Claimed in Guided Auger Boring	Herrenknecht AG/Bohrtec	34	7
Midwest Mole Utilises GBM and Auger Bore Rig	Akkerman	33	11
Auger boring versatility helps keep US project on schedule	McLaughlin	33	8
World Record Hard Rock Auger Bore in Kentucky	The Robbins Company	33	9
Microtunnelled link from Asselby to Aberford throughout challenging landscapes	Wirth	33	10
Perforator® Pilot Auger System Supports Surface Water Outfall Construction Works	Perforator	32	7
Limestone No Match for Auger Boring System	McLaughlin	31	7
Mexico City Prepares To Build The World's Largest Wastewater System	Herrenknecht AG	30	5
House Connection Using Pilot Auger Technology	Tracto-Technik	30	4
Prairie Water Project Uses Microtunnelling and Conventional Methods	Akkerman	29	9
Godavari River Crossing - A Race Against The Monsoon	Herrenknecht AG	28	6
GRP Jacking Pipes For Gravity/Pressure Conversion	HOBAS	28	5
WIRTH Now Part of Aker Solutions	Wirth	28	7
Giants Reach Their Targets In Shanghai	Herrenknecht AG	27	4

Curved Pipe Jacked Drives Bring Flood Relief To Sidcup	A.E Yates Trenchless Solutions Ltd	26	5
Pipeline Drillers Expands Boring Fleet	Perforator	26	8
Rockhead Stands Up in Fractured Ground	The Robbins Company	24	5
High Capacity Jacking Frame, Minimal Diameter Shaft	Akkerman	22	8
Poland Drives Pipes Round the Bend	HOBAS	22	7
Perforator® Provides Combined Boring Technology To Northern Ireland	Perforator	19	6
New Auger Borers From American Augers	American Augers	18	7
VMT Guidance Systems Aid Australia Tunnel Construction	VMT GmbH	17	8
U Mole Links With Robbins To Expand Small Bore/Hard Ground Product Range	U Mole	16	14
World Premiere for Herrenknecht Direct Pipe	Herrenknecht AG	15	10
Separation Plants for Microtunnelling, Pipe Jacking & Associated Applications	Herrenknecht AG	14	7
New Microtunnelling and Pipejacking Compendium	Jandan Publications, Geneva.	13	10
VMT Launches New Website	VMT GmbH	12	12
Westcon Microtunneling Claims Record Drive	Westcon	12	12
LOVAT Europe Moves	LOVAT	11	8
Combined Technologies Complete Difficult Access Sewer	Naylor Drainage Ltd	11	5
Revised introduction to pipe jacking and microtunnelling and Hand Tunnelling Guidelines	Pipe Jacking Association	11	7
Terebro Investment Continues	Terebro	11	8
Tunnel Guidance System Evolution	tacs	10	7
Holing out in Bogata	Lovat	9	6
Tensonite double-walled fibreglass/concrete pressure pipes	Tensonite	4	5
Robbins Releases New Small Boring Unit For Rock	The Robbins Company	3	4
Perforator Brings New Jacking And Augering Techniques To No-Dig Live	Perforator	2	6
Easy Pipe - Herrenknecht's Long Distance, Large Diameter Pipeline Installation Technique for Difficult Ground	Herrenknecht AG	1	5