



 **PILE**
CRITTER

DTH SYSTEMS

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COMPANY

Founded in 2022, PileCrittter is a swiftly growing company in the European drilling market. Our team, though small, is rich in diversity and expertise, encompassing a range of roles from strategic leadership to market-specific business development. Fluent in multiple languages, our team is well-equipped to cater to various European markets. Together, our mission is rooted in delivering value through reliable, high-performance tools essential for construction and civil engineering.

At PileCrittter, we're driven by a relentless dedication to our customers, aiming to be the cornerstone of Europe's drilling industry. Our vision encompasses not just supplying tools but fostering growth and progress in every project we touch. We're focused on enhancing our services by developing rapid response teams, further decreasing dispatch times, and expanding our product catalogue. Join us in redefining drilling industry standards with solutions that speak of quality, efficiency, and innovation!

EU HUB

Focusing on local stock within Europe, PileCrittter has significantly reduced delivery times and improved service dependability for our European clients. This strategic move underscores our dedication to addressing the unique requirements of the European market and strengthening our position in the region.

BESPOKE SERVICE

We are eager to take on special requests, ensuring clients receive precisely what they need for their projects. We specialize in understanding unique requirements and leveraging an extensive product range to fulfill even the most specific demands. With a focus on customization and adaptability, our team is committed to turning special requests into reality, offering solutions that are not just satisfactory, but perfectly aligned with each client's unique business needs.



STRUCTURE FEATURES



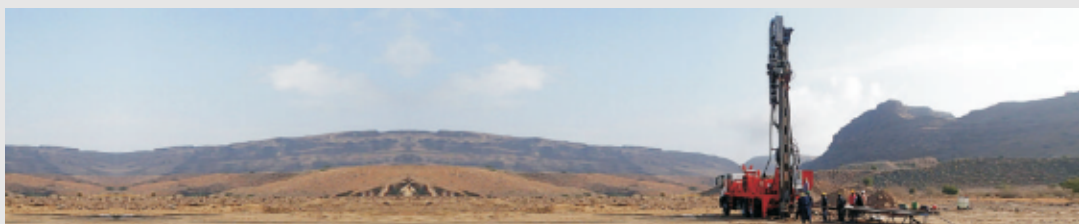
When drilling starts, the ODEX reamer swings out and reams the pilot-hole wide enough for the casing tube to slide down behind the drill bit assembly.

When the required depth is reached, rotation is reversed carefully, whereupon the reamer swings in, allowing the drill bit assembly to be pulled up through the casing.

Casing tubes that are to be left in the drill hole should be sealed at the bottom of the hole by means of cement grout or some other sealing agent.

Drilling continues to the desired depth in the bedrock using a conventional drill bit.

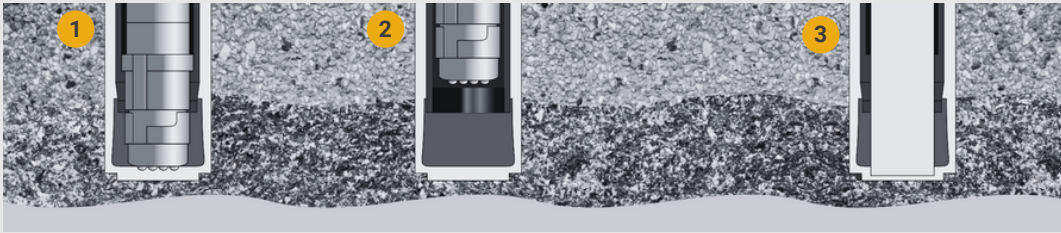
MODEL	A O.D. OF THE CASING TUBE (mm)	B I.D. OF THE CASING TUBE (mm)	H WALL THICKNESS OF THE CASING TUBE (mm)	MAX O.D. OF GUIDE DEVICE (mm)	C REAMED DIAMETER (mm)	D MIN I.D. OF CASING SHOE (mm)	MAX O.D. OF CONVENTIONAL BIT (mm)	COMPATIBLE SHANK	WEIGHT
ODEX90	114.3	102.26	6.02	99.7	123	91.3	90	COP34/DHD3.5	12.5
ODEX115	141.3	128.2	6.55	123.4	152	117	115	COP44/DHD340/SD4/QL40	22
ODEX140	168	155	6.5	153.5	184	142	140	COP54/DHD350/M40/SD5/QL50	38
ODEX165	194	181	6.5	179	209	167	15	COP64/DHD360/M60/SD6/QL60	62
ODEX190	219.1	202.74	8.18	204.7	237	192.3	190	COP64/DHD360/M60/SD6/QL60	84
ODEX240	273	254.46	9.27	252.8	307	241	240	COP84/DHD380/SD8/QL80	136
ODEX280	325	300	12.5	298	350	282	280	DHD112	184



CONCENTRIC SYSTEM



STRUCTURE FEATURES

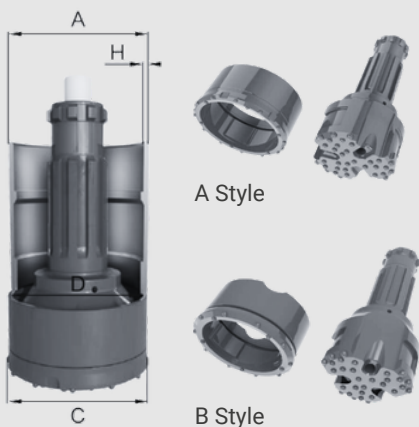


When drilling starts, the ODEX reamer swings out and reams the pilot-hole wide enough for the casing tube to slide down behind the drill bit assembly.

When the required depth is reached, rotation is reversed carefully, whereupon the reamer swings in, allowing the drill bit assembly to be pulled up through the casing.

Casing tubes that are to be left in the drill hole should be sealed at the bottom of the hole by means of cement grout or some other sealing agent.

MODEL	DESIGN	O.D. OF PILOT BIT (mm)	W.T. OF PILOT BIT (kg)	COMPATIBLE SHANK	O.D. OF CASING TUBE (mm)	MAX THICKNESS OF CASING TUBE (mm)	I.D. OF RING BIT (mm)	O.D. OF RING BIT (mm)	WEIGHT (kg)
P114WD35R-82	A	92	4.6	DHD3.5	114.3	6	84	126	2.3
P127WD35R-93A	B	105	5.5	DHD3.5	127	6	95	146	5.05
P140WD4R-97A	B	116.5	11.35	COP44/DHD340	139.7	8	101	165	6.35
P140WD4R-115A	B	128	13	COP44/DHD340	139.7	8	116	167	4.6
P140TD40-115	A	128	16.2	TD40	139.7	8	116	161	4.75
P146WD4R-110	A	124	15	COP44/DHD340	146	8	112	165	5.5
P168WD5R-127A	B	141	21	COP54/DHD350	168.3	8	129	192	6.7
P168WD5R-140A	B	155	22	COP54/DHD350	168.3	8	143	200	7
P219WD6R-170A	B	191	43	COP64/DHD360	219.1	12.7	173	247	15.85
P219WD6R-190	A	203	44.6	COP64/DHD360	219.1	12.7	192	243	11.45
P273WD8R-219	A	241	76	COP84/DHD380	273	9.1	223.2	305	19.6
P273WD8R-240	A	254	79.3	COP84/DHD380	273	9.1	242	303	18.35
P325WD8R-273A	B	292	108	COP84/DHD380	323.9	9.3	276.2	350	25.5
P324WD8R-282	A	298	110	COP84/DHD380	323.9	9.3	282	353	24.5

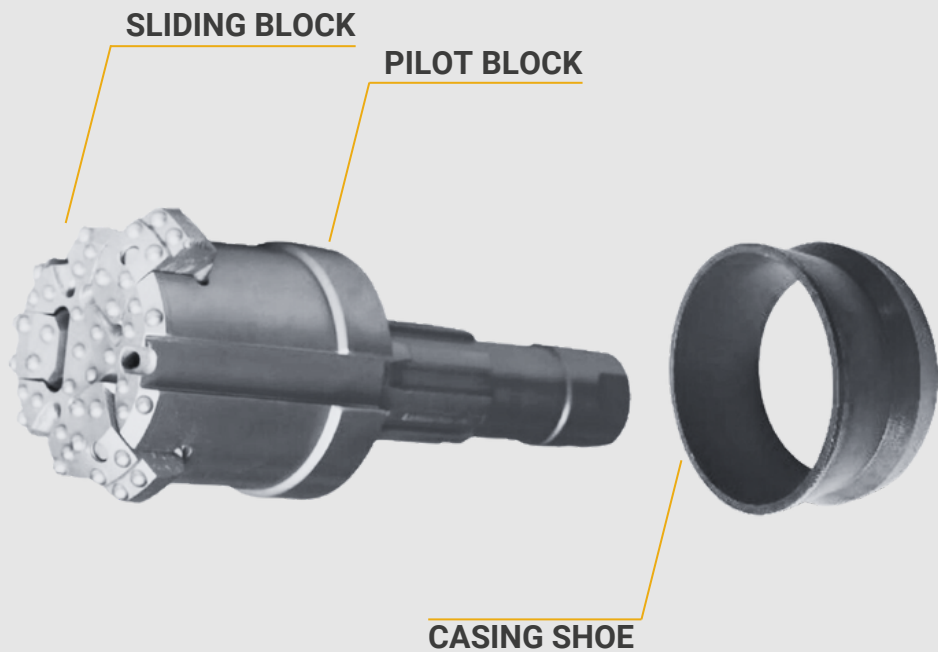


BLOCK SYSTEM



STRUCTURE FEATURES

MODEL	A	B	H		C	D			
	O.D. OF CASING TUBE (mm)	I.D. OF CASING TUBE (mm)	MAX. WALL THICKNESS OF CASING TUBE (mm)	MAX DIAMETER OF PILOT BIT (mm)	REAMED DIAMETER (mm)	MAX O.D. OF CONVENTIONAL BIT (mm)	COMPATIBLE SHANK	QTY OF BLOCKS, pcs	WEIGHT (kg)
B130	152	132	10	131	160	121	DHD340	2	22
B185	219	199	10	197	234	185	COP64/DGD360 /SD6/QL60	3	61
B210	245	225	10	222	260	210	COP84/DHD380 /SD8/QL80	3	88
B240	273	253	10	251	305	240	COP84/DHD380 /SD8/QL80	3	9.5
B282	325	305	10	302	350	282	COP84/DHD380 /SD8/QL80	3	115
B305	355	325	10	322	380	305	DHD112	4	214
B365	406	382	12	380	432	365	DHD112	4	254
B432	480	454.6	12.7	450	505	432	NUMA125	4	415
B461	508	482.6	12.7	479	534	461	NUMA180	4	630
B510	560	535.6	12.7	530	590	510	NUMA180	4	730
B553	610	584.6	12.7	582	639	553	NUMA180	4	895
B596	660	628	16	625	690	593	NUMA180	4	94
B645	711	679	16	675	741	654	NUMA180	4	1010
B694	762	730	16	726	726	694	NUMA240	4	1595

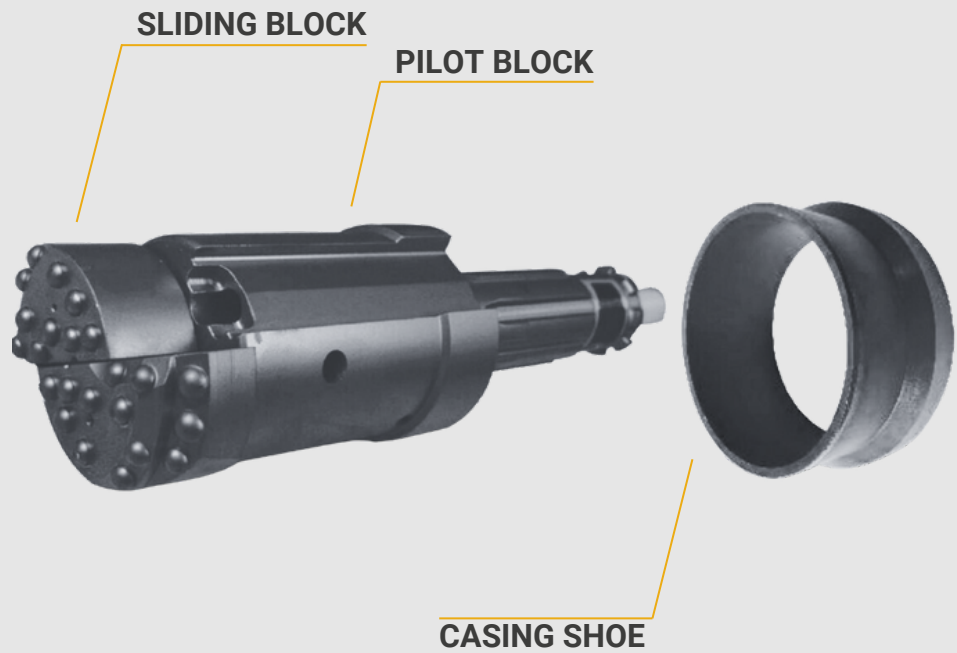


WING SYSTEM



STRUCTURE FEATURES

	A	B	H		C	D			
MODEL	O.D. OF CASING TUBE (mm)	I.D. OF CASING TUBE (mm)	MAX WALL THICKNESS OF CASING TUBE (mm)	MAX DIAMETER OF PILOT BIT (mm)	REAMED DIAMETER (mm)	MAX O.D. OF CONVENTIONAL BIT (mm)	QTY OF WINGS (pcs)	COMPATIBLE SHANK	WEIGHT (kg)
W90	114	101	6.5	99	125	90	2	COP34/DHD3.5	15
W117	146	126	10	124	157	117	2	COP44/DHD340/SD4/QL40	20.3
W136	168	148	10	146	180	136	2	COP54/DHD350/SD5/QL50	33.4
W142	178	158	10	154	195	142	2	COP54/DHD350/SD5/QL50	38.8
W160	194	174	10	172	206	160	2	COP54/DHD350/SD5/QL50	46.4



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