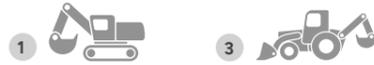


TL HD SERIE



Auger - TL HD serie



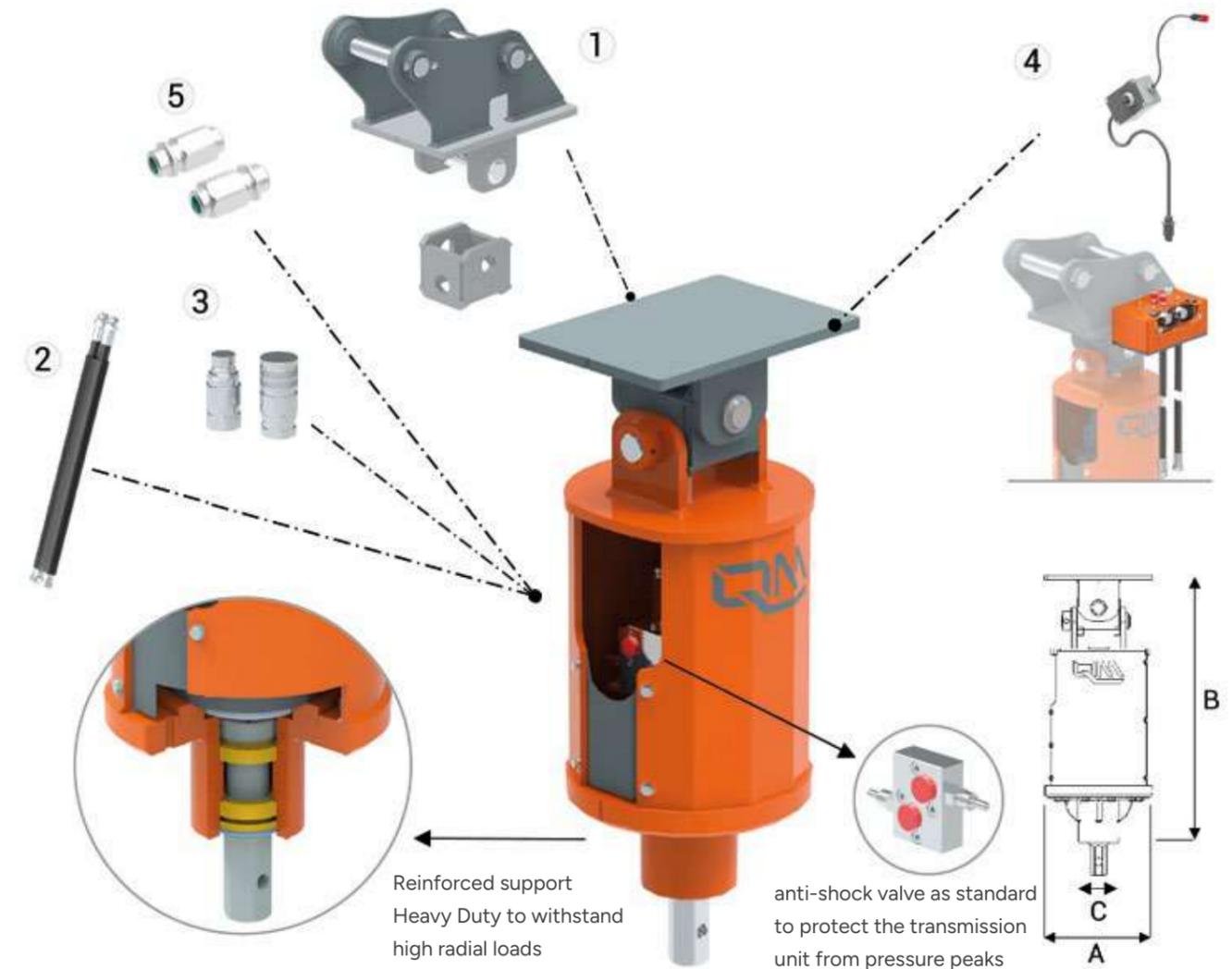
The hydraulic BIDIRECTIONAL Auger TL HD can be applied on operating machines from 0.8 to 10 tons. It is designed for those uses in which a high radial load on the reducer is applied, especially handling large logs with conical screw tool or drilling with big diameter tips. The reinforced Heavy-Duty support, designed by QM, relieve the reducer from any load releasing forces on the body of the auger. The double pin hitch designed and patented by QM allows the use for heavy works in "locked" mode with QM tools such as wood splitter, stump planer etc. The wide range of tools and accessories makes it versatile in several sectors such as constructions, maintenance of green areas, agriculture etc.



STANDARD TECHNICAL FEATURES

- Ultra-compact and wear-resistant body holding all components inside
- Heavy duty support interface between gear box and tools which is resistant to high radial loads
- Front and rear opening to easily reach the internal components for better maintenance
- Front and rear protective casing
- Planetary gear motor for high performances even with low flow rates (just for TL2 HD TL3 HD TL4 HD)
- Hexagonal fitting allowing a quick replacement
- Double-pin hitch including pendulum system and reversible double joint with locking (patented) which allows the use of the auger in horizontal position and with tools such as wood splitter and stump planer
- Shock proof Valve
- High quality painting for greater resistance to impacts and wear

AUGER		TL1 HD	TL2 HD	TL3 HD	TL4 HD
Excavator	ton	0.8 / 3.0	3.0 / 5.0	5.0 / 7.0	7.0 / 10.0
Oil flow rate	l/min	18 / 50	30 / 60	50 / 90	50 / 90
Max Pressure	bar	210	205	240	240
Max Torque	Nm	1350	2600	4700	6000
Speed	rpm/l	2	1,1	0,8	0,7
A	Ø mm	275	325	375	375
B	mm	580	775	940	940
C (Hexagonal fitting)	mm	50	50	50	70
Weight (without attachment)	kg	75	110	180	185
Ø Max drilling	mm	400	600	800	1000
Price		2120,00	2535,00	3025,00	3485,00



OPTIONAL

1	COUPLING TO THE MACHINE WITH DOUBLE PINS pins included	WEIGHT (ton) OF THE MACHINE	
✓		0.8 / 1.8	200,00
✓		1.8 / 3.0	215,00
✓		3.0 / 4.0	240,00
✓		4.0 / 5.0	270,00
✓		5.0 / 6.0	310,00
✓		6.0 / 8.0	355,00
✓		8.0 / 10.0	410,00

2	PIPES *	
	1/2" - L= 1500mm	105,00
	1/2" - L= 2000mm	125,00
	3/4" - L= 2000mm	150,00

3	FACCIA PIANA QUICK COUPLINGS **	
	Connection size 3/8"	65,00
	Connection size 1/2"	85,00
	Connection size 3/4"	190,00

4	REVERSING FLOW VALVE	
	Flow reversing valve for operating machines with mono-directional system	575,00

5	FLOW REDUCERS	
	Recommended on operating machines where the oil flow rate exceeds that indicated in the technical data sheet	150,00

*On demand it is possible to provide pipes of different lengths out of standard ones
 *** On demand it is possible to provide other quick couplings than those indicated above
 All data are intended WITHOUT ATTACHMENT TO THE MACHINE

AUGER

PRICE LIST

AUGER

PRICE LIST

BITS



STANDARD BITS ET

Suitable for medium mixture soils
Blades and Lower Bits are interchangeable.

Standard bits with hexagonal fitting CH50	
ET Ø 100 length 1000 mm	595,00
ET Ø 120 length 1000 mm	615,00
ET Ø 150 length 1000 mm	635,00
ET Ø 200 length 1000 mm	665,00
ET Ø 250 length 1000 mm	695,00
ET Ø 300 length 1000 mm	735,00
ET Ø 350 length 1000 mm	785,00
ET Ø 400 length 1000 mm	815,00
ET Ø 450 length 1000 mm	870,00
ET Ø 500 length 1000 mm	945,00
ET Ø 600 length 1000 mm	1085,00
Hexagonal fitting CH70	+15%



MEDIUM BITS ED

Suitable for drilling mid-high consistency soils with the presence of crushed stones
Blades and Lower Bits are interchangeable.

Hard Soils bits with hexagonal fitting CH50	
ED Ø 150 length 1000 mm	710,00
ED Ø 200 length 1000 mm	760,00
ED Ø 250 length 1000 mm	800,00
ED Ø 300 length 1000 mm	860,00
ED Ø 350 length 1000 mm	925,00
ED Ø 400 length 1000 mm	1045,00
ED Ø 450 length 1000 mm	1110,00
ED Ø 500 length 1000 mm	1230,00
ED Ø 600 length 1000 mm	1335,00
Hexagonal fitting CH70	+15%



BITS



ROCK BITS ER

Suitable for drilling rock soils and road surfaces, lower bits and peaks made of wide material all interchangeable

Rock BITS with hexagonal fitting CH50	
ER Ø 150 length 1000 mm	930,00
ER Ø 200 length 1000 mm	945,00
ER Ø 250 length 1000 mm	1035,00
ER Ø 300 length 1000 mm	1115,00
ER Ø 350 length 1000 mm	1250,00
ER Ø 400 length 1000 mm	1360,00
ER Ø 450 length 1000 mm	1410,00
ER Ø 500 length 1000 mm	1455,00
ER Ø 600 length 1000 mm	2195,00
Hexagonal fitting CH70	+15%



COMPACTING BITS EC

Bits with a special profile which do not remove the soil but compact it at the sides.
Useful for making holes to plant fence posts.

Compacting BITS with hexagonal fitting CH50	
EC Ø 50 length 1000 mm	415,00
EC Ø 60 length 1000 mm	430,00
EC Ø 70 length 1000 mm	510,00
EC Ø 80 length 1000 mm	520,00
EC Ø 90 length 1000 mm	530,00
EC Ø 100 length 1000 mm	535,00
EC Ø 110 length 1000 mm	545,00
EC Ø 120 length 1000 mm	555,00
EC Ø 130 length 1000 mm	600,00
EC Ø 140 length 1000 mm	640,00
EC Ø 150 length 1000 mm	675,00
Hexagonal fitting CH70	+15%

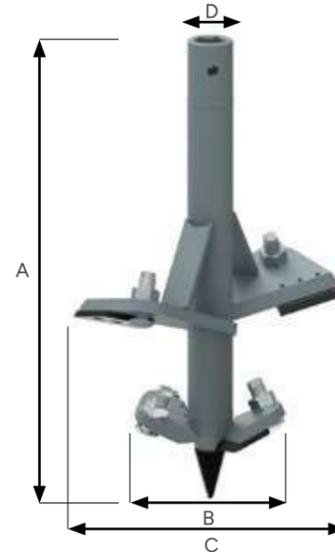


TOOLS



STUMP PLANER TC

The stump planer is a useful tool for shredding the stump rooted in the ground. Thanks to the screws mounted on the blade supports, it is possible to adjust the milling depth according to the type of wood. The centering pin in hardened steel is interchangeable. Available with hexagonal fitting CH50mm or CH70mm. This tool employs significant radial forces and loads, therefore, its use is recommended with our TL HD auger capable of supporting such loads thanks to the Heavy Duty support.



MODEL		TC30	TC40	TC50
Use with auger	model	TL 1HD - TL 2HD	TL 2HD - TL 3HD	TL 3HD - TL 4HD
Excavator	ton	1.8 / 3.0	3.0 / 5.0	5.0 / 10.0
A	mm	550	650	750
B	mm	280	280	280
C	mm	/	380	500
D (Hexagon)	mm	50	50 / 70	50 / 70
Weight	kg	20	25	32
Blades	n°	2	4	4
Min torque required	Nm	1300	2600	4100
Price		690,00	895,00	1005,00
CH70		770,00	975,00	1085,00



N.B. The combination of the tools is referred to equipment made by QM S.r.l.

For any other combination with equipment other than those produced by QM S.r.l. or not present in this catalogue, please contact us.

TOOLS



WOOD SPLITTER SC

The wood splitter allows the breaking of wooden logs by screwing of the conical body. Available in several sizes, it suits operators needs at different levels from DIY to professional. All models are provided of an interchangeable hardened steel pilot bit. This tool employs significant radial forces and loads, therefore, its use is recommended with our TL HD auger capable of supporting such loads thanks to the Heavy Duty support.



MODEL		SC16	SC20	SC25
Use with auger	model	TL 1HD - TL 2HD	TL 2HD - TL 3HD	TL 3HD - TL 4HD
A	mm	200	200	250
B	mm	385	425	455
C	mm	160	200	250
D (Hexagon)	mm	50	50 / 70	50 / 70
Weight	kg	28	40	67
Price		700,00	910,00	1270,00
CH70		780,00	990,00	1350,00



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TOOLS



ROTARY HARROW ER

It is used to refine and work the soil by controlling the weeds. It meets the use in gardens, vegetable gardens, vineyards, orchards, and other crops. This tool employs significant radial forces and loads, therefore, its use is recommended with our TL HD auger capable of supporting such loads thanks to the Heavy Duty support.



MODEL		ER30	ER50
A	mm	115	120
B	mm	250	300
C	mm	300	500
D (Hexagon)	mm	50	50 / 70
Weight	kg	11	22
Price		330,00	440,00
CH70		410,00	520,00



N.B. The combination of the tools is referred to equipment made by QM S.r.l.
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TOOLS



EXTENTIONS PR

Extension for auger useful to increase the drilling depth.

MALE - FEMALE HEXAGON CONNECTION	
PR 50 - CH50 L=500 mm	405,00
PR 50 - CH50 L=1000 mm	425,00
PR 70 - CH70 L=500 mm	485,00
PR 70 - CH70 L=1000 mm	515,00



CONCRETE MIXER BT

The BT concrete mixer is useful for mixing, transporting, and discharging small and medium quantities of concrete. It connects to the hexagon of the auger and, by rotating, mixes the concrete thanks to the propellers contained in it. This tool must only be mounted on the TL HD auger in "Blocked" mode so that it can work oblique compared to the ground also facilitating the loading of the material to be mixed.



MODEL		BT135	BT175	BT235	BT285
Excavator	ton	The associations will be made on the basis of operating machine's characteristics			
Total capacity	lt	135	175	235	285
Mixing capacity	lt	100	140	190	250
A	mm	560	630	730	760
B	mm	640	640	705	810
C	mm	350	350	390	440
D (Hexagon)	mm	50	50	50 / 70	50 / 70
Weight	kg	18	32	47	56
Full load weight @2.4 kg/dm ³	kg	258	368	503	656
Price		715,00	765,00	835,00	920,00
CH70		795,00	845,00	915,00	995,00

