



TRH 252 on mini excavator



TRH 406



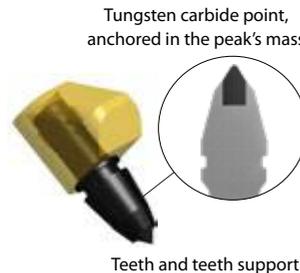
TRH 508 on telescopic handler

Rabaud advantages

- 3 models adaptable on hydraulic carriers such as mini-excavator, compact loader, telescopic handler...
- No drainage = quick and less expensive mounting.
- A very wide choice of augers: more than 30 models from 100 to 600 mm
- Easy quick mounting / change of augers thanks to the hexagonal coupling
- Fit all types of carriers thanks to all existing quick couplings.
- Options: Extensions from 0.30 m to 2 m / Anti-sway system / ditching augers / Storage stand for 4 or 7 accessories.

Standard equipment

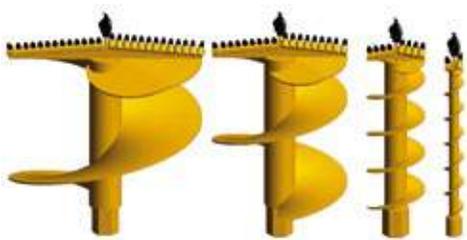
- TRH 252 : 1 hydraulic motor - 2 hydraulic hoses 1.50 m long without couplers.
- TRH 406 and 508 : 1 hydraulic motor - 2 hydraulic hoses 2.00 m long without couplers. special models for telescopic loaders.



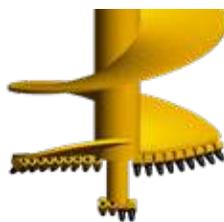
Technical characteristics

MODELS	TRH 252	TRH 406	TRH 508
Coupling	Mini excavator from 0.8 to 2.2 T	Mini excavator from 3.5 to 6 T or telescopic loader	Mini excavator from 3.5 to 8 T or telescopic loader
Max. recommended auger Ø (hard soils / soft soils)	200 / 300 mm	400 / 500 mm	500 / 600 mm
Auger's drive	Hexagon 42 mm	Hexagon 80 mm	
Oil flow (recommended)	25 L/min (75 L/min)	50 l/min (200 l/min)	80 l/min (200 l/min)
Pressure mini. / maxi.	120 - 225 bar	200 - 280 bar	
Rotation speed with recommended flow	75 rpm	100 rpm	
Drainage	No		
Weight without hitch	26 kg	96 kg	99 kg

5 YEARS WARRANTY HOLE DIGGER



Auger with carbide teeth



Auger with strengthened whorl



Auger special for DITCHING for the cleaning of a ditch



Auger with widening system



TMR 605 on mini excavator



TMR 1120



TMR 1325



- A full range of 7 models to be adapted on backhoe loaders & excavators from 2 to 30 T.
- **NEW** : Machines fitted with a **high-torque geared motor** for using augers up to 1500 mm Ø.
- No drainage = quick and less expensive mounting.
- A very wide choice of augers: more than 25 models from 100 to 1500 mm quickly interchangeable.
- Easy quick mounting / change of augers thanks to the hexagonal or squared fastening device.
- Fit all types of carriers thanks to all existing quick couplings.

NEWNESS

**HOLE DIGGERS WITH GEARED MOTOR
EVEN MORE TORQUE
FOR AUGERS UP TO
1500 MM Ø**

Pile shaping - Post driver - Auger - Unwinding machine

Standard equipment

- 1 geared motor on TMR 403 and TMR 605.
1 geared motor with pressure limiter on TMR 710 and TMR 1530.
- TMR 403 and TMR 605 : 2 hydraulic hoses 2 m long, 5/8" (without couplers).
- TMR 710, 914 and 1120 : 2 hydraulic hoses 2.50 m long, 3/4" (without couplers).
- TMR 1325 and 1530 : 2 hydraulic hoses 3 m long, 3/4" (without couplers).



POSSIBLE ADAPTATION TO FIT QUICK-FIT COUPLINGS PROCESSED AT OUR FACTORY

Technical characteristics

MODELS	TMR 403	TMR 605	TMR 710	TMR 914	TMR 1120	TMR 1325	TMR 1530
Coupling	Mini excavator from 2 T to 3 T	Mini-excavator from 2,5 to 5 T	Mini-excavator from 5 to 10 T	mini excavator from 8 T to 14 T	Mini-excavator from 14 to 20 T	Mini-excavator from 18 to 25 T	Mini-excavator from 22 T to 30 T
Max. recommended auger Ø (soft soils / hard soils)	300 / 400 mm	500 / 600 mm	600 / 700 mm	800 / 900 mm	1000 / 1100 mm	1200 / 1300 mm	1300 / 1500 mm
Auger's drive	Hexagon 80 mm				Square 100 mm		
Oil flow (recommended)	30 L/min	40 L/min	45 L/min	70 L/min	80 L/min	100 L/min	100 l/min
Max. oil flow	75 L/min			100 L/min		135 L/min	
Pressure mini. / maxi.	180 - 225 bar	190 - 225 bar	200 - 300 bar	220 - 300 bar		240 - 330 bar	
Max. torque *	1894 Nm	4733 Nm	6842 Nm	16441 Nm	21602 Nm	28785 Nm	35754 Nm
Rotation speed with recommended flow	60 rpm	32 rpm	22 rpm	24 rpm	16 rpm	20 rpm	16 rpm
Drainage	No						
Weight without hitch	69 kg	70 kg	148 kg	215 kg	299 kg	352 kg	430 kg

* Rotation speed depends on oil flow

											£	Reference			
MODELS (WITHOUT AUGER AND WITHOUT SUSPENSION HITCH)															
• TRH 252 (for excavator from 0.8 to 2.2 T / Ø auger 300 mm max., 42 mm hexagonal coupling)											1,330	70641D			
• TRH 406 (for telescopic or excavator from 3.5 to 6 T / Ø auger 500 mm max., 80 mm hexagonal coupling)											2,815	70623F			
• TRH 508 (for telescopic or excavator from 3.5 to 8 T / Ø auger 600 mm max., 80 mm hexagonal coupling)											2,975	70624F			
MODELS (WITHOUT AUGER AND WITHOUT SUSPENSION HITCH)															
• TMR 403 (for excavator from 2 T to 3 T / Ø auger 400 mm max., 80 mm hexagonal coupling)											2,025	70601F			
• TMR 605 (for excavator from 2,5 T to 5 T / Ø auger 600 mm max., 80 mm hexagonal coupling)											2,310	70693E			
• TMR 710 (for excavator from 5 T to 10 T / Ø auger 700 mm max., 80 mm hexagonal coupling)											3,540	70693D			
• TMR 914 (for excavator from 8 T to 14 T / Ø auger 900 mm max., 80 mm hexagonal coupling)											4,340	70603F			
• TMR 1120 (for excavator from 14 T to 20 T / Ø auger 1100 mm max., 100 mm square coupling)											5,975	70695D			
• TMR 1325 (for excavator from 18 T to 25 T / Ø auger 1300 mm max., 100 mm square coupling)											7,605	70696D			
• TMR 1530 (for excavator from 22 T to 30 T / Ø auger 1500 mm max., 100 mm square coupling)											9,940	70697D			
SUSPENSION HITCH > OBLIGATORY TO DETERMINE				TRH 252	TRH 406	TRH 508	TMR 403	TMR 605	TMR 710	TMR 914	TMR 1120	TMR 1325	TMR 1530	£	Reference
Truck Crane coupling hitch	Arm width to be defined	•	•	•	•	•								300	70642D
	Arm width 50 to 120 mm							•						285	70626B
	Arm width 121 to 200 mm							•						350	70627B
	Arm width 201 up and more							•						500	70628B
	Arm width 200 up and more									•				635	70675D
Truck Crane coupling hitch										•	•	•	700	70653B	
Truck Crane coupling hitch		•			•	•								255	70610F
Suspension hitch with plate to screw on quick-fit coupling (without quick-fit coupling to determine pages 210-213)		•	•	•	•	•			•					275	76905A
									•					375	76901A
										•				620	76902A
Standard plate 8 holes										•	•	•		810	76903A
		•	•	•	•	•	•	•	•	•	•	•		80	70366703L
For carrier with flap coupling hitch: skid steer loader, front loader, telescopic handler...* (width 100 mm, Ø axis 35 mm)		•	•	•	•	•	•	•						750	70638B

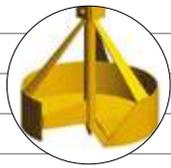
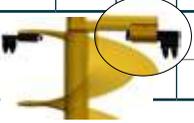
											TRH 252	TRH 406	TRH 508	TMR 403	TMR 605	TMR 710	TMR 914	TMR 1120	TMR 1325	TMR 1530	£	Reference		
AUGERS- Carbide teeth Ø 19 mm - hexagonal coupling 42 mm - length 1.10 m - right pace																								
Ø 100 mm - whorl 4 mm thick - 2 teeth											•											420	70611F	
Ø 150 mm - whorl 4 mm thick - 4 teeth											•											480	70612F	
Ø 200 mm - whorl 4 mm thick - 4 teeth											•											560	70613F	
Ø 250 mm - whorl 4 mm thick - 6 teeth											•											620	70614F	
Ø 300 mm - whorl 4 mm thick - 8 teeth											•											685	70615F	
AUGERS- Carbide teeth Ø 19 mm - hexagonal coupling 80 mm - length 1.10 m - right pace																								
Ø 100 mm - whorl 4 mm thick - 2 teeth												•	•	•	•							430	70616F	
Ø 150 mm - whorl 4 mm thick - 4 teeth												•	•	•	•							490	70617F	
Ø 200 mm - whorl 4 mm thick - 4 teeth												•	•	•	•							570	70618F	
Ø 250 mm - whorl 4 mm thick - 6 teeth												•	•	•	•							625	70619F	
Ø 300 mm - whorl 4 mm thick - 8 teeth												•	•	•	•							695	70620F	

* It is compulsory to add a 70642D or 70626B direct attachment.
 The ● means compatibility of options with different models.
 The ● indicates compatibility pending approval from RABAUD.



	TRH 252	TRH 406	TRH 508	TMR 403	TMR 605	TMR 710	TMR 914	TMR 1120	TMR 1325	TMR 1530	£	Reference
STANDARD AUGERS - Carbide teeth Ø 19 mm - hexagonal coupling 42 mm - length 1.10 m - right pace												
Ø 100 mm - whorl 5 mm thick - 2 teeth	●										525	70605E
Ø 150 mm - whorl 5 mm thick - 4 teeth	●										600	70606E
Ø 200 mm - whorl 6 mm thick - 4 teeth	●										700	70607E
Ø 250 mm - whorl 6 mm thick - 6 teeth	●										765	70608E
Ø 300 mm - whorl 6 mm thick - 8 teeth	●										845	70647E
VINEYARDS AUGERS Ø 300 mm												
Fixation : hexagonal coupling 42 - Length 0,75 m												
Length 0,75 m	●										460	70652E
STANDARD AUGERS - Carbide teeth Ø 19 mm - hexagonal coupling 80 mm - length 1.10 m - right pace												
Ø 100 mm - whorl 5 mm thick - 2 teeth		●	●	●	●						535	70638C
Ø 150 mm - whorl 5 mm thick - 4 teeth		●	●	●	●						600	70639C
Ø 200 mm - whorl 6 mm thick - 4 teeth		●	●	●	●						695	70640C
Ø 250 mm - whorl 6 mm thick - 6 teeth		●	●	●	●						755	70641C
Ø 300 mm - whorl 6 mm thick - 8 teeth		●	●	●	●	●	●				860	70642C
Ø 350 mm - whorl 8 mm thick - 8 teeth		●	●	●	●	●	●				1,020	70643C
Ø 400 mm - whorl 8 mm thick - 10 teeth		●	●	●	●	●	●				1,085	70644C
Ø 100 mm - whorl 8 mm thick - 12 teeth		●	●	●	●	●	●				1,290	70645C
Ø 500 mm - whorl 10 mm thick - 12 teeth			●	●	●	●	●				1,340	70646C
Ø 550 mm - whorl 10 mm thick - 14 teeth			●	●	●	●	●				1,515	70647C
Ø 600 mm - whorl 10 mm thick - 16 teeth				●	●	●	●				1,550	70648C
Ø 700 mm - whorl 10 mm thick - 18 teeth					●	●	●				2,235	70673D
Ø 800 mm - whorl 10 mm thick - 22 teeth							●				2,660	70654C
Ø 900 mm - whorl 10 mm thick - 24 teeth							●				2,920	70622E
Ø 1000 mm - whorl 10 mm thick - 28 teeth*								●	●	●	3,150	70623E
AUGERS WITH STRENGTHENED WHORL with driver - Carbide teeth Ø 19 mm - hexagonal coupling 80 mm - length 1.10 m - right pace												
Ø 250 mm - whorl 10 mm thick - 6 teeth		●	●	●	●	●	●				1,275	70649C
Ø 300 mm - whorl 10 mm thick - 8 teeth		●	●	●	●	●	●				1,435	70626E
Ø 400 mm - whorl 12 mm thick - 12 teeth		●	●	●	●	●	●				1,590	70650C
Ø 500 mm - whorl 15 mm thick - 14 teeth			●	●	●	●	●				2,010	70638E
Ø 600 mm - whorl 15 mm thick - 16 teeth				●	●	●	●				2,430	70655C
Ø 700 mm - whorl 15 mm thick - 18 teeth					●	●	●				2,875	70674D
Ø 800 mm - whorl 15 mm thick - 22 teeth							●				3,325	70656C
Ø 900 mm - whorl 15 mm thick - 24 teeth							●				3,960	70613E
Ø 1000 mm - whorl 15 mm thick - 28 teeth*								●	●	●	4,430	70614E
Ø 1100 mm - whorl 15 mm thick - 28 teeth*								●	●	●	4,905	70615E
AUGERS WITH STRENGTHENED WHORL with driver - Carbide teeth Ø 25 mm - square coupling 100 mm - length 1.10 m - right pace												
Ø 400 mm - whorl 12 mm thick - 10 teeth								●	●	●	2,125	70662C
Ø 500 mm - whorl 15 mm thick - 12 teeth								●	●	●	2,700	70636E
Ø 600 mm - whorl 15 mm thick - 14 teeth								●	●	●	3,250	70663C
Ø 700 mm - whorl 15 mm thick - 16 teeth								●	●	●	3,745	70637E
Ø 800 mm - whorl 15 mm thick - 18 teeth								●	●	●	4,235	70664C
Ø 900 mm - whorl 15 mm thick - 20 teeth								●	●	●	5,020	70665C
Ø 1000 mm - whorl 15 mm thick - 22 teeth								●	●	●	6,075	70666C
Ø 1100 mm - whorl 15 mm thick - 24 teeth								●	●	●	6,555	70619E
Ø 1200 mm - whorl 15 mm thick - 26 teeth									●	●	7,035	70667C
Ø 1400 mm - whorl 15 mm thick - 30 teeth									●	●	8,000	70624E
Ø 1500 mm - whorl 15 mm thick - 32 teeth										●	8,490	70625E
* ADAPTATION												
Square female socket of 100x100 with an hexagonal male plug of 80								●	●	●	525	70620E

The ● means compatibility of options with different models.
The ● indicates compatibility pending approval from RABAUD.

	TRH 252	TRH 406	TRH 508	TMR 403	TMR 605	TMR 710	TMR 914	TMR 1120	TMR 1325	TMR 1530	£	Reference	
AUGER EXTENSIONS - Hexagonal coupling 42 mm - Without whorl													
Auger extension - Length 0.50 m	•										355	70644E	
AUGER EXTENSIONS - Hexagonal coupling 80 mm - Without whorl													
Auger extension - Length 0.30 m		•	•	•	•	•	•				375	70693B	
Auger extension - Length 0.50 m		•	•	•	•	•	•				425	70624C	
Auger extension - Length 1.00 m		•	•	•	•	•	•				550	70625C	
Auger extension - Length 2.00 m		•	•	•	•	•	•				675	70626C	
AUGER EXTENSIONS - 100mm square coupling - Without whorl													
Auger extension - Length 1.00 m								•	•	•	1,250	70668C	
Auger extension - Length 2.00 m								•	•	•	1,505	70669C	
AUGERS SPECIAL FOR DITCHING - Hexagonal coupling 80 mm - Length 1.10 m - right pace													
Ø 280 mm		•	•	•	•	•	•				835	70630E	
Ø 380 mm		•	•	•	•	•	•				905	70677D	
Ø 480 mm		•	•		•	•	•				985	70678D	
Ø 580 mm			•		•	•	•				1,120	70620D	
Ø 680 mm						•	•				1,240	70684D	
Ø 780 mm						•	•				1,360	70621D	
Ø 880 mm							•				1,390	70616E	
Ø 980 mm								•	•	•	1,435	70617E	
AUGERS SPECIAL FOR DITCHING - 100 mm square coupling - Length 1.10 m - right pace													
Ø 380 mm								•	•	•	1,105	70631E	
Ø 480 mm								•	•	•	1,195	70632E	
Ø 580 mm								•	•	•	1,320	70603D	
Ø 680 mm								•	•	•	1,435	70633E	
Ø 780 mm								•	•	•	1,525	70604D	
Ø 880 mm								•	•	•	1,625	70687E	
Ø 980 mm								•	•	•	1,720	70605D	
Ø 1080 mm									•	•	1,790	70639E	
Ø 1180 mm									•	•	1,865	70606D	
Ø 1280 mm									•	•	2,100	70634E	
Ø 1380 mm										•	2,275	70642E	
Widening augers system													
100 mm (+ 200 mm on Ø), teeth Ø 25 mm, a pair									•	•	•	960	70637D
OPTIONS													
Anti-swinging device during the transportation (only with bolt-on coupling)		•	•	•	•						245	70654Z	
Tilt meter with indicator inside cabin		•	•	•	•	•	•	•	•	•	1,320	99158A	

	£	Reference
MODELS		
STORAGE STAND FOR HOLE DIGGER + ACCESSORIES : TRH & TMR 403, 605 • For 1 hole digger (with or without hitch) + 4 accessories (upon request)	515	70610E
• For 1 hole digger (with or without hitch) + 7 accessories (upon request)	810	70611E
STORAGE STAND FOR HOLE DIGGER + ACCESSORIES TMR 710 & TMR 914 • For 1 hole digger (with or without hitch) + 7 accessories (upon request)	895	70609F
STORAGE STAND FOR HOLE DIGGER + ACCESSORIES : TMR 1120 to TMR 1530 • For 1 hole digger (with or without hitch) + from 4 to 8 accessories according to the augers diameter	5,095	70629E



Coils support



**Rabaud
advantages**

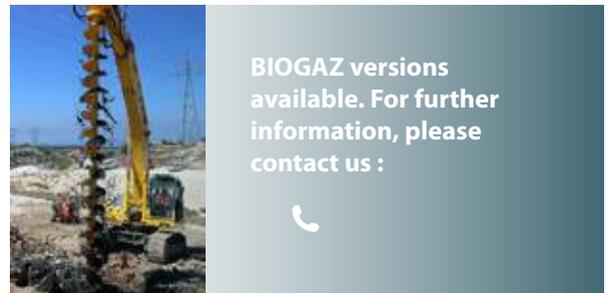
- Hydraulic hole digger for big excavators from 25 to 50 Ton.
- Fit all types of carriers thanks to all existing quick couplings.
- Compatible with Biogas use with drilling augers.
- Drilling auger : length 1.10 m Ø 600 mm with reinforced coils 20 mm thick in 400 HB steel. Cutting edges and bevelled centring plate.
- Easy installation of the spindles thanks to the square attachment: 130 mm.
- Possibility of installing 7 extensions, for a drilling depth of 30 metres.
- Extension: length 4.40 m Ø 600 mm with reinforced coils, thickness 20 mm.
- Quality direct-drive hydraulic motor for maximum auger power (no gearbox, no maintenance).



Technical characteristics

MODEL	TRH 1550
Excavator operational weight	25 to 50 Tons
Max. recommended auger Ø (soft soils / hard soils)	1500 mm
Auger's drive	Square 130 mm
Oil flow recommended	200 L/min
Max. oil flow	400 L/min
Pressure mini. / maxi.	250 - 450 bar
Max. torque *	64520 Nm
Rotation speed with recommended flow	20 rpm
Drainage	Yes
Weight without hitch	750 kg

* Rotation speed depends on oil flow



Pile shaping - Post driver - Auger - Unwinding machine

	£	Reference
MODEL		
• TRH 1550 (specific for excavator 50 Tons max. / auger Ø 1500 mm max.) - (without auger, without suspension hitch)	37,255	70674B
COUPLING		
Coupling (or suspension hitch)	1,305	70675B
AUGERS WITH STRENGTHENED WHORL with driver - Carbide teeth Ø 25 mm - square coupling 130 mm - length 2 m - right pace		
Ø 600 mm - whorl 15 mm thick - 14 teeth Ø 25 mm	4,230	70670C
Ø 800 mm - whorl 15 mm thick - 18 teeth Ø 25 mm	5,630	70671C
Ø 1000 mm - whorl 15 mm thick - 22 teeth Ø 25 mm	7,085	70672C
Ø 1200 mm - whorl 15 mm thick - 26 teeth Ø 25 mm	8,635	70673C
Ø 1400 mm - whorl 15 mm thick - 30 teeth Ø 25 mm	9,650	70674C
Ø 1500 mm - whorl 15 mm thick - 32 teeth Ø 25 mm	10,945	70695C
AUGERS SPECIAL FOR DITCHING - Square coupling 130 mm - Length 1.10 m - right pace		
Ø 580 mm	1,785	70607D
Ø 780 mm	1,860	70608D
Ø 980 mm	2,155	70609D
Ø 1180 mm	2,200	70610D
Ø 1380 mm	2,430	70611D
Ø 1480 mm	2,445	70635E
AUGER EXTENSIONS		
- Without whorl - Square fixing 130 mm - length 1.00 m	1,500	70675C
- Without whorl - Square fixing 130 mm - length 2.00 m	1,935	70676C
AUGER WIDENING SYSTEM		
100 mm (+ 200 mm on Ø), teeth Ø 25 mm, a pair	960	70637D