



Hydraulic hole digger on PELLENC



Hydraulic hole digger



Hydraulic hole digger on stilt tractor



Rabaud
advantages

- Adaptation on straddle tractors, tractor front 3-point linkage and other tool carriers.
- 90° or 180° orientation thanks to the hydraulic cylinder (max. reach 1,40 or 2,40 m).
- Hydraulic tilt as standard (for mooring lines, etc.).
- Designed for vineyard augers from Ø 400 mm to 600 mm.
- Adjustable parallelogram via cylinder.

Technical characteristics

MODELS	HOLE DIGGER NARROW	HOLE DIGGER STANDARD	HOLE DIGGER PELLENC
<i>Ø maximum (vineyard auger)</i>	600 mm		500 mm
<i>Auger's drive</i>	80 mm hexagon		
<i>Orientation</i>	90°	180°	84°
<i>Maximum reach</i>	1,41 m	2,40 m	1,74 m
<i>Coupling</i>	3-point N°1 and N°2		-
<i>Recommended pressure</i>	180 bar		
<i>Oil flow</i>	35 L/min. (mini.) - 50 L/min. (recommended) - 150 L/min. (max.)		
<i>Dimensions (L x W x H)</i>	1,45 x 0,60 x 0,90 m	1,45 x 0,90 x 0,90 m	2,00 x 1,42 x 1,64 m
<i>Weight</i>	220 kg	235 kg	-

Standard equipment

- Hole digger NARROW and STANDARD :
 - Left/right offset with gear-rack cylinder.
 - Lifting/lowering by dual-acting cylinder with parallelogram.
 - Tilting cylinder (setting mooring).
 - Length of hoses from mounting plate: 2.20 m for cylinders and 3 m for motor.*
- Hole digger PELLENC :
 - Hydraulic drive of hole digger engine with 2 couplers 1/2".
 - Lifting and lowering of the cylinder by single-acting with parallelogram.



Hydraulic hole digger with mooring



station trolley (for wide hole digger on straddle tractor)

	£	Reference
MODELS		
NARROW HYDRAULIC HOLE DIGGER for straddle tractor 3-point hitch and other carrier Right/left offset 90° (1.41 m range) - without auger, without coupling	5,305	70681E
WIDE HYDRAULIC HOLE DIGGER for straddle tractor 3-point hitch and other carrier Right/left offset 180° (2.40 m range) - without auger, without coupling	5,530	70682E
COUPLING for STILT tractor > OBLIGATORY TO DETERMINE		
3-point linkage front or rear + 2 support stands	670	70613D
Coupling plate for individual adaptation	55	706481
OPTIONS		
Electro-hydraulic control by multipurpose mini joystick - 4 hydraulic functions with servo-controlled movements	3,575	70690E
Hydraulic distributor 4-way - Dual acting valves with supports and hydraulic hoses (for 3-point rear linkage)	780	70649E
Wire protector for vineyard (only compatible with wine augers)	170	70604E
Trolley for drop off and transportation	635	70640E

	£	Reference
MODELS		
FRAME ONLY FOR STANDARD AXE without motor or auger 180° right and/or left rotation (range of 2.40 m) - Without auger, adaptation required	4,275	70621F

	£	Reference
MODELS		
HOLE DIGGER for PELLENC (Not compatible with OPTIMUM arm) Right and/or left orientation (range 1.74 m)	8,230	70671B + 70667B
OPTIONS		
Wire-protector for vineyard	155	70668A
Auger extension - Length 0.30 m	375	70693B

VINEYARD AUGERS with right pace (80 mm hexagonal coupling) - 0.75 m length - Ø 300, 400, 500 or 600 mm	See pages 124-125
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	£	Reference
ANCHORING ACCESSORIES - 80 mm hexagonal coupling		
'ANCREST' mooring Ø 100 to 120 mm (Picture page 116)	285	70669A
'ANCREST' mooring Ø 150 mm (Picture page 116)	345	70679A
'FENOX' mooring Ø 120 mm (Picture page 116)	400	70692A
'LEBEC - AMARAGRI' mooring Ø 120 mm (Picture page 116)	320	70610B
Universal key for mooring welded on a rod (Maximum thickness 20 mm)	200	706524

OPTIONS



Multi-function mini lever



Wire-protector for vineyard



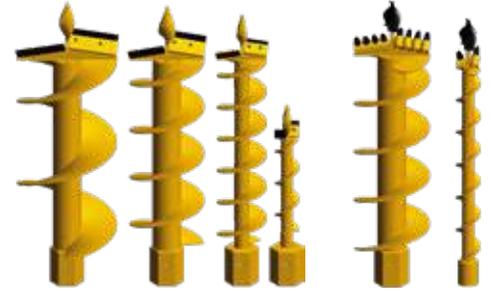
Trolley for drop off and transportation



Coupling plate for individual adaptation



AUGERS FOR MECHANICALS AND STRADDLE TRACTORS HOLE DIGGERS



Augers fitted with blades for soft soils

Augers fitted with carbide tungsten points for hard soils

	MINI-JUNIOR	JUNIOR	AXIAL II	SENIOR II	£	Reference
AUGERS FITTED WITH BLADES - 0.75 m length - 80 mm hexagonal coupling - Augers right pace						
Ø 100 mm - whorl 5 mm thick	●				405	70694B
Ø 150 mm - whorl 5 mm thick	●				440	70696B
Ø 200 mm - whorl 6 mm thick	●				500	70697B
Ø 250 mm - whorl 6 mm thick	●				555	70698B
Ø 300 mm - whorl 6 mm thick	●				615	70699B
Ø 350 mm - whorl 8 mm thick	●				765	70601C
Ø 400 mm - whorl 8 mm thick	●				785	70602C
Ø 450 mm - whorl 8 mm thick	●				1,005	70603C
Ø 500 mm - whorl 10 mm thick	●				1,025	70604C
Ø 550 mm - whorl 10 mm thick	●				1,115	70605C
Ø 600 mm - whorl 10 mm thick	●				1,135	70606C
AUGERS FITTED WITH BLADES - 1.10 m length - 80 mm hexagonal coupling - Augers right pace						
Ø 100 mm - whorl 5 mm thick		●	●	●	455	70688B
Ø 150 mm - whorl 5 mm thick		●	●	●	500	70690B
Ø 200 mm - whorl 6 mm thick		●	●	●	570	70691B
Ø 250 mm - whorl 6 mm thick		●	●	●	625	70692B
Ø 300 mm - whorl 6 mm thick		●	●	●	690	70607C
Ø 350 mm - whorl 8 mm thick		●	●	●	805	70608C
Ø 400 mm - whorl 8 mm thick		●	●	●	850	70609C
Ø 450 mm - whorl 8 mm thick		●	●	●	1,075	70610C
Ø 500 mm - whorl 10 mm thick		●	●	●	1,095	70611C
Ø 550 mm - whorl 10 mm thick		●	●	●	1,195	70612C
Ø 600 mm - whorl 10 mm thick		●	●	●	1,205	70613C
AUGERS FITTED WITH CARBIDE TEETH - Ø 19 mm - 1.10 m length - 80 mm hexagonal coupling - Augers 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

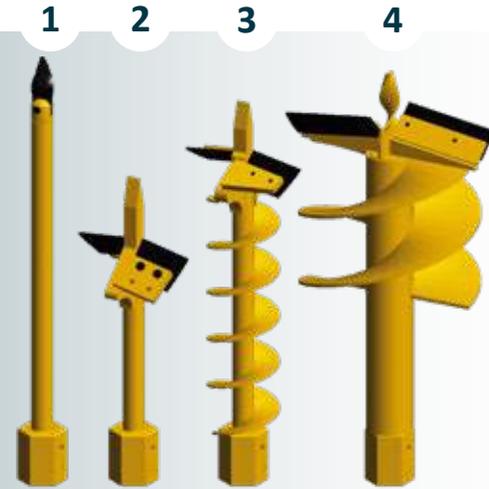
Warning : the augers are delivered without axle nor pin
The ● means compatibility of options with different models.



VINEYARD AUGERS
compatible with all models
Hexagonal coupling 80 mm - Length : 0.75 m

PLANTATION AUGERS
compatible with all models

- 1** FORESTRY "CAT TONGUE"
LENGTH : 1.10 M - Ø 60 MM
- 2** PLANTATION AUGER
LENGTH : 0.88 M - Ø 400, 500 AND 600 MM
- 3** LANDSCAPING MODE
LENGTH: 1.10 M - Ø 400 MM AND WHORL Ø 200 MM
- 4** FORESTRY MODEL
LENGTH: 1.10 M - Ø 550 MM



EXTENSION
compatible with all models
Hexagonal coupling 80 mm - Length: 0.30 m and 0.50 m

	MINI-JUNIOR	JUNIOR	AXIAL II	SENIOR II	£	Reference
Vineyard augers with right pace						
Ø 300 mm	●	●	●	●	500	70689E
Ø 400 mm	●	●	●	●	510	70686B
Ø 500 mm	●	●	●	●	540	70687B
Ø 600 mm	●	●	●	●	555	70615C
Augers for plantation right pace - 80 mm hexagonal coupling						
1 Forestry model Ø 60 mm - Length 1.10 m		●	●	●	475	70616C
4 Forestry model Ø 550 mm - Length 1.10 m			●	●	960	70617C
3 Landscaping Ø 400 mm - Whorl Ø 200. length 1.10 m			●	●	815	70618C
2 Standard plantation auger - Length 0.88 m - Ø 400 mm	●	●	●	●	485	70655E
2 Standard plantation auger - Length 0.88 m - Ø 500 mm	●	●	●	●	510	70656E
2 Poplar tree plantation auger - Length 0.88 m - Ø 600 mm	●	●	●	●	525	70657E
Auger extensions (without whorl - 80 mm hexagonal coupling) - not compatible with Ø 100 mm augers						
Auger extension - Length 0.30 m	●	●	●	●	375	70693B
Auger extension - Length 0.50 m		●	●	●	425	70624C

Warning : the augers are delivered without axle nor pin
The ● means compatibility of options with different models.
The ● indicates compatibility pending approval from RABAUD.

	£	Reference
SPARE PARTS FOR ALL AUGERS		
Augers knife right pace (a pair)		
Ø 100 mm	20	706067001
Ø 120 mm	20	706068001
Ø 150 mm	20	706042001
Ø 200 mm	20	706043001
Ø 250 mm	20	706044001
Ø 300 mm	25	706045001
Ø 350 mm	25	706046001
Ø 400 mm	25	706047001
Ø 450 mm	30	706048001
Ø 500 mm	30	706049001
Ø 550 mm	35	706050001
Ø 600 mm	35	706051001
Ø 800 mm	45	706069001
Knives for vineyard augers (unit)		
Ø 400 mm	50	706290001
Ø 500 mm	60	706291001
Ø 600 mm	70	706292001
Point for augers with blade		
Ø 100 - 120 - 150 mm	45	706271001
Ø 200 - 250 mm	60	706274001
Ø 300 - 350 mm	60	706276001
Ø 400 - 800 mm	65	706280001
Point for auger with teeth (all diameter)		
All diameters	80	31A012
Tungsten carbide teeth		
Ø 19 mm	15	24A024
Ø 25 mm	15	24A057
Tungsten carbide tooth support Ø 19 mm (to be welded to the spindle)	30	24A023
Tungsten carbide tooth support Ø 25 mm (to be welded to the spindle)	35	24A058
Hexagons		
Female Ø 80 mm - to weld on auger	195	931A06
Female Ø 42 mm - to weld on auger	100	931A05
Male reverse gearbox output	180	706380
Male standard gearbox output	180	706379
Male (no machining)	80	706097002
Male hexagon intermediary fixing with plate 6 holes	245	706100
Female hexagon intermediary fixing with plate 6 holes	290	706101
Plate 4 holes (Bouyer)	115	706314
Squares		
Female 100 x 100 mm - to weld on auger	540	706190
Female 130 x 130 mm - to weld on auger	815	706378
Male 100 x 100 mm	380	706392003
Male 130 x 130 mm	510	706362002



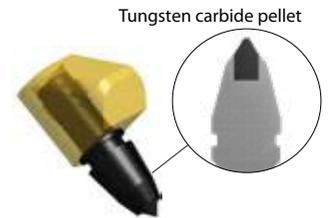
Auger knife



welded tip



Replaceable point



Tungsten carbide pellet

Teeth and teeth support

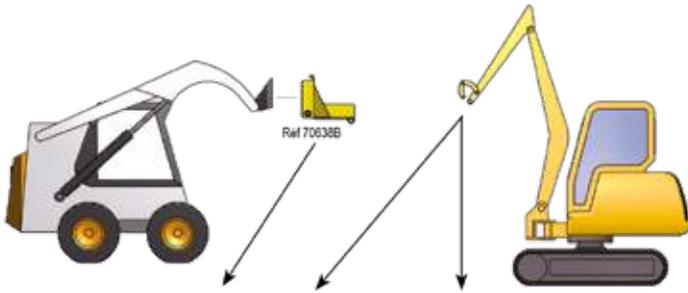


Female hexagon

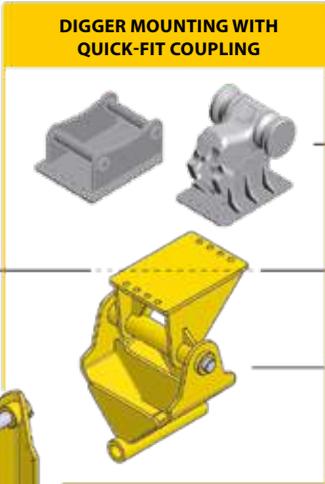
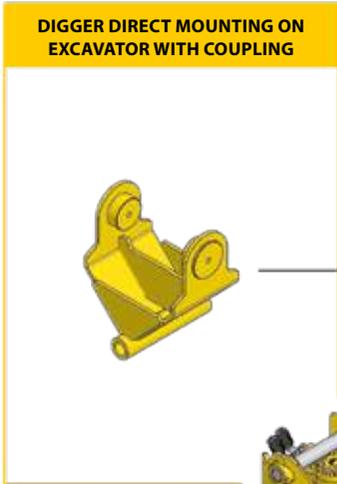


Female square

HYDRAULIC HOLE DIGGER COMPLETE COMPOSITION



NEW RANGE
HOLE DIGGERS WITH GEARED MOTOR TMR



ADAPTATION FOR QUICK-FIT COUPLING
BRAND TO DETERMINE
(PAGES 210-213)

SIMPLE SUSPENSION HITCH DIRECTLY ON THE ARM

SUSPENSION HITCH DIRECTLY ON THE ARM
Suspension hitch directly on the arm or with a plate to screw on your quick-fit coupling

HYDRAULIC HOLE DIGGER
with motor protected by solid frame

HEXAGONAL OR SQUARED
to plug for easy auger mounting and changing

EXTENSION
(in option)

AUGERS with carbide teeth or blades,
high width whorl for a better soil extraction

TEETH AND TOOTH SUPPORT
tungsten carbid point, anchored
within the peak's mass.

5 YEARS WARRANTY
HOLE DIGGER

