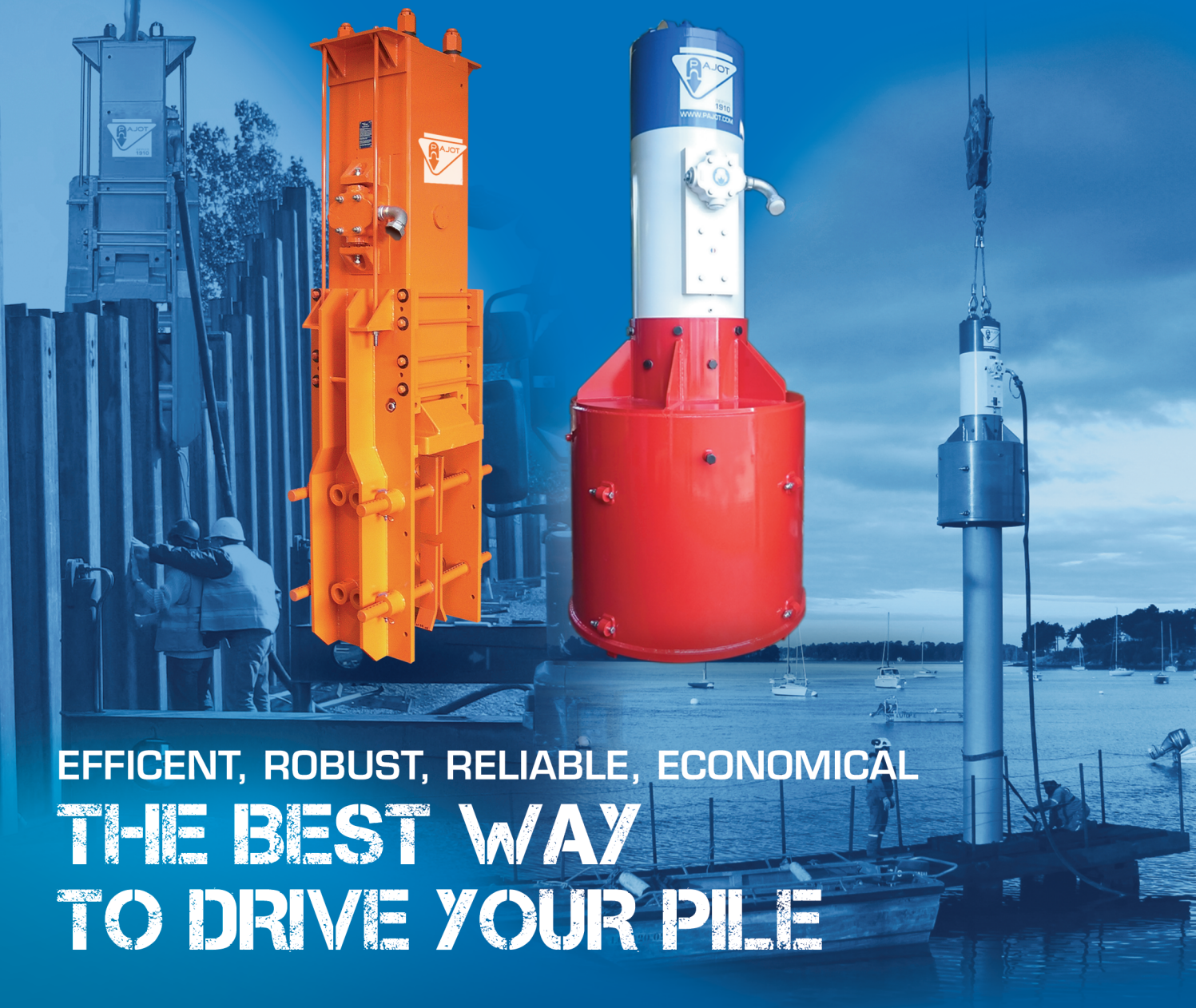




WWW.PAJOT.COM

AIR PILE HAMMERS



EFFICIENT, ROBUST, RELIABLE, ECONOMICAL

THE BEST WAY TO DRIVE YOUR PILE

HIRE - PURCHASE - SALE NEW AND USED EQUIPMENT

PILING AND DRIVING EQUIPMENTS
VIBRATORY AND PILE HAMMERS - ACCESSORIES
MAINTENANCE - TECHNICAL ASSISTANCE - GEOTECHNICAL SERVICE

A PNEUMATIC TECHNOLOGY

FOR SALE AND HIRE since 1910

Our company is specialized in the provision of piling equipment since 1910 for : sheet piles, open or closed tubes, H beam, wooden piles, concrete piles, guardrail posts...

Our equipments are designed for several works like, for instance, civil engineering, works in rivers and ports and off shore projects as well as for the construction of bridges, supporting walls, bank supports, formwork, protection walls, highway guardrail...



OUR RANGE NEW OR USED EQUIPMENT

PAJOT AIR PILE HAMMERS.....	3
PAJOT AIR PILE AND POST DRIVER	5
PAJOT 115, 160, 300 HAMMERS.....	6
PAJOT 600 HAMMER.....	7
NEW PAJOT 550 C - 800 C - 1200 C HAMMER.....	9
PAJOT 1400 HAMMER.....	11
NEW PAJOT 2200 C - 3200 C HAMMER.....	14
PAJOT 2800 HAMMER	15
PAJOT 3600 HAMMER	17
NEW PAJOT 4200 C HAMMER.....	19
NEW PAJOT 5200 C HAMMER.....	21
PAJOT SHEET PILE THREADER.....	23
PAJOT AIR GUARDRAIL POST PILE DRIVER	24



We offer to our customers advice regarding the choice of equipment and on-site technical assistance. We have team of mobile technicians to ensure equipment starting procedure and personnel training on site.

Videos available on
WWW.PAJOT.COM



PAJOT AIR HAMMERS

Renowned all over the world, the coveted PAJOT automatic hammers offer highly effective piling capacity and very simple and economical maintenance !

They can drive sheet pile, tubes, H beam, etc...

*New model
MAP 4200 C
with leg guide*



PRINCIPAL ADVANTAGES

- :::: Longevity, easy handling, and low cost of use and maintenance
- :::: Compact size with the lowest weight
- :::: High blow rate and very high impact energy
- :::: Total control of energy and velocity
- :::: Piling in every type of ground : clay, marl, silt, schist
- :::: Equipement for piling all profile available
- :::: Powered by air compressor as is often used on jobsite
for other tasks. It is a source of power well known by the staff (not provided)
- :::: Noise abatement covers are available for all hammers
- :::: Ecological lubrication by biodegradable oil



*New model
MAP 4200 C
with tube guide*

The choice of a hammer being based on several parameters (length and type of profile, type of ground etc...)

We are at your disposal to advise you.

For all hammers, lubricator and hose are provided.

PAJOT AIR HAMMERS

PAJOT air hammers specifications, used for driving with pressure of 8 bar						Driving work which can be carried out with PAJOT hammers in a ground of an average consistence *			
Model and weight of basic configuration without guide	Blow / min. max.	Compressor air flow required		Impact energy by blow in Kg.m (at 8 bar)	Hose diameter	Sheet piles		Wooden piles square and round	
		m³/min.	CFM			Width	Height of hold	Width	Height to hold
26 kg	1600	1,5	50	/	19 mm	/	/	ø max 132 mm	/
50 kg	1100	1,8	63	/	19 mm	/	/	ø max 180 mm	/
115 kg	500	2,2	75	50	25 mm	200 to 400 mm	1 to 2 m	100 x 100 mm	2 m
160 kg	450	3	100	80	25 mm	200 to 400 mm	1 to 2 m	100 x 100 mm	2 m
300 kg	420	3,5	125	110	25 mm	300 to 400 mm	2 to 3 m	Madriers de 100 x 200 mm	3 m
600 kg	300	7	250	240	40 mm	300 to 400 mm	3 to 5 m	100 to 300 mm	5 m
550 kg C	300	7	250	242	40 mm	300 to 600 mm	4 to 6 m	100 to 300 mm	7 m
800 kg C	270	9	300	450	40 mm	300 à 600 mm	6 to 8 m	100 to 440 mm	9 m
1200 kg C	240	11	350	700	40 mm	300 à 750 mm	6 to 11 m	100 to 440 mm	9 m
1 400 kg	240	11	400	700	40 mm	300 to 400 mm	6 to 11 m	250 to 350 mm	9 m
2200 kg C	210	20	700	1 800	50 mm	The largest or by pair	11 to 15 m	920 mm	10 m
2 800 kg	190	20	700	1 600	50 mm	The largest or by pair	11 to 15 m	350 mm	15 m
3 200 kg C	180	30	1 000	2 800	50 mm	The largest or by pair	15 to 18 m	920 mm	10 m
3 600 kg	160	30	1 000	2 514	50 mm	The largest or by pair	15 to 18 m	400 mm	18 m
4200 kg C	140	33	1 200	3 600	50 mm	Pair	20 m	1220 mm	20 m
5200 kg C	120	35	1 200	5 200	50 mm	Pair	20 m	1220 mm	20 m

* indicative data, to be confirmed depending on the ground conditions

AVAILABLE GUIDES

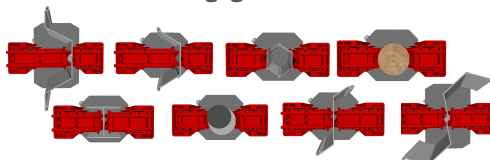
Contact us for special guides



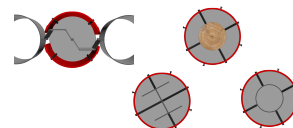
Noise abatement
cover available for
all hammers



Leg guide :



Adjustable pile guide :





PAJOT 26 AND 50 PILE AND POST DRIVER

SPECIFICATIONS

Approx. weight (kg)	26 to 28 (depends of guide)
Required flow rate (l./minute)	800 to 1500
Required flow rate (CFM)	50
Pressure (bar)	from 6,5 to 10
Blow rate (BPM)	1600
Hammer height without guide (mm)	157
Hammer width (mm)	335

PAJOT 26

PAJOT 50

50 to 54
1800 to 2000
63
from 8 to 10
1100
270
335

GUIDES DIMENSIONS AVAILABLES

Rounded guide in mm*	1 ø to choose between 36 & 125
Squared guide in mm*	1 ø to choose between 23 & 112

1 ø to choose btw. 82 & 185
1 ø to choose btw. 62 & 155

* Contact ur for tubes and other dimensions



FURTHER INFORMATION

Sold with :

- 2 hoses of 2 meters ø 19 mm
- 1 control handle
- 1 guide to choose

Post driver is easily operated by one man and is the perfect choice for driving all types of steel and wooden posts (*H, U, I et C*). Because it is so light in weight, the operator must pull down on the spring loaded handles to provide the correct weight for driving.



**HYDRAULIC
& PETROL VERSION**
available on request

**Delivered
with his
transport box**
(optional) >>>>

Air Compressor on demand



PAJOT 115, 160 ET 300 HAMMERS



SPECIFICATIONS

	115	160	300
Appro. weight (Kg)	115	160	300
Impact energy /blow (Kg.m)	47	80	110
Blow rate/minute.....	500	450	420
Ram weight (Kg)	7,5	12	17
Stroke (mm).....	240	230	220
Pressure (bar).....	7	7	8
Air required flow rate (l/minute)	2500	3000	3500
Air required flow rate (CFM)	75	100	125
Hose diameter (mm)	25	25	25

DIMENSIONS

	115	160	300
Body (mm).....	136	160	175
Lenght with LEG guide (mm)	970	985	1250
Lenght with LONG guide (min) (picture)	1340	1340	1580



PAJOT HAMMERS
160 on PAJOT
GUARDRAIL POST
PILE DRIVER
PR108



FURTHER INFORMATIONS

Perfect to drive :

- ::: Wooden piles
- ::: Small profil (tubes, H, square,...)
- ::: Slim sheet piles
- ::: Guardrail post

These hammers can be fitted with square or rectangular anvil or profiled for U and C100/125, I 80/100 and DE2+.

They can be used on free handling, on leader or on driving frame.

Many guides available
Contact us !

PAJOT 600 HAMMER



SPECIFICATIONS

Approx. weight without guide (kg)	600
Approx. weight with leg guide (kg)	850
Impact energy at 8 bar (kg.m)	242
Blow rate (BPM)	300
Air required flow rate (l./minute)	7 000
Air required flow rate (CFM)	250
Hose diameter (mm)	40

This hammer can be fitted with :

- ⋮ 1 rectangular anvil
- ⋮ 1 square anvil
- ⋮ Under water job set-up

FURTHER INFORMATION

Maximum practical load able to be exerted on a pile : 9 t.

Work capacity in a medium ground :

- ⋮ 400 mm single sheet pile,
3 à 5 meters in ground
- ⋮ Pointing closed tubes diam.
114 mm, 20 à 25 meters in ground
- ⋮ Open tubes diam. 300 mm,
5 à 6 meters in ground



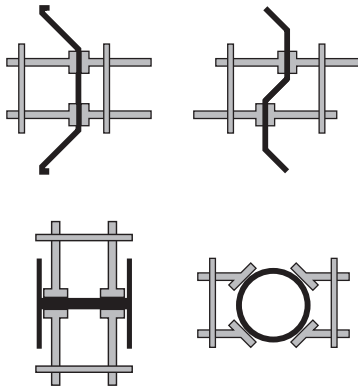


PAJOT 600 HAMMER

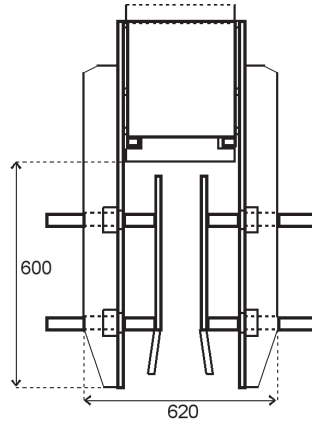
EQUIPMENTS

Specials guides on request, contact us

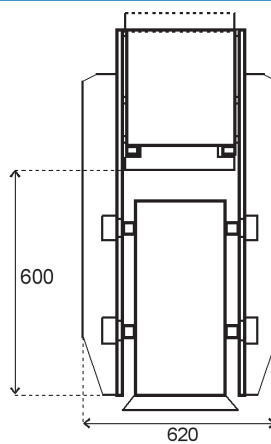
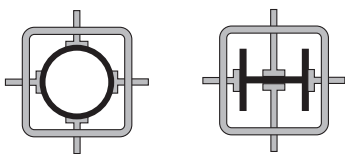
Adjustable leg guide :



Adjustable leg guide for sheet piles or H from 240 mm inside

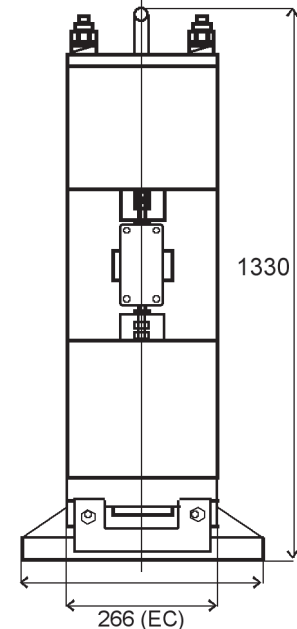
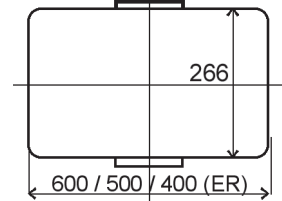


New adjustable pile guide :



Leg pile guide for max 210 mm

New model adjustable from 100 to 260 mm



Rectangular or square anvil

Noise abatement cover
available for all hammers



NEW CYLINDRIQUE HAMMER PAJOT 550 C / 800 C / 1 200 C

SPECIFICATIONS

	550 C	800 C	1200 C
Approx. weight without guide	550 kg	800 kg	1200 kg
Approx. weight with guide	around 735 kg	around 1265 kg	around 1714 kg
Impact energy at 8 bar.....	242 kg.m	455 kg.m	700 kg.m
Blow rate.....	300 BPM	270 BPM	240 BPM
Air required flow rate	7000 l./minute	9000 l./minute	11000 l./minute
Hose diameter	40 mm	40 mm	40 mm

This hammer can be fitted with :

- ⋮ 1 tube guide up to Ø 440 mm
- ⋮ 1 sheet pile guide (single or double)
- ⋮ Under water job set-up

SPECIFIC BENEFITS OF THE NEW "C" HAMMERS

- ⋮ Less parts breakage risk
- ⋮ Less troubles and maintenance task
- ⋮ Reducing wear parts consumption
- ⋮ Easier breakdown diagnostic
- ⋮ More reliable and robust set-up
- ⋮ Easier guide system adaptable to all type of profil
(tube, H beam, double and single sheet pile, etc...)
- ⋮ Manufacturing time reduced





NEW CYLINDRIQUE HAMMER PAJOT 550 C / 800 C / 1200 C

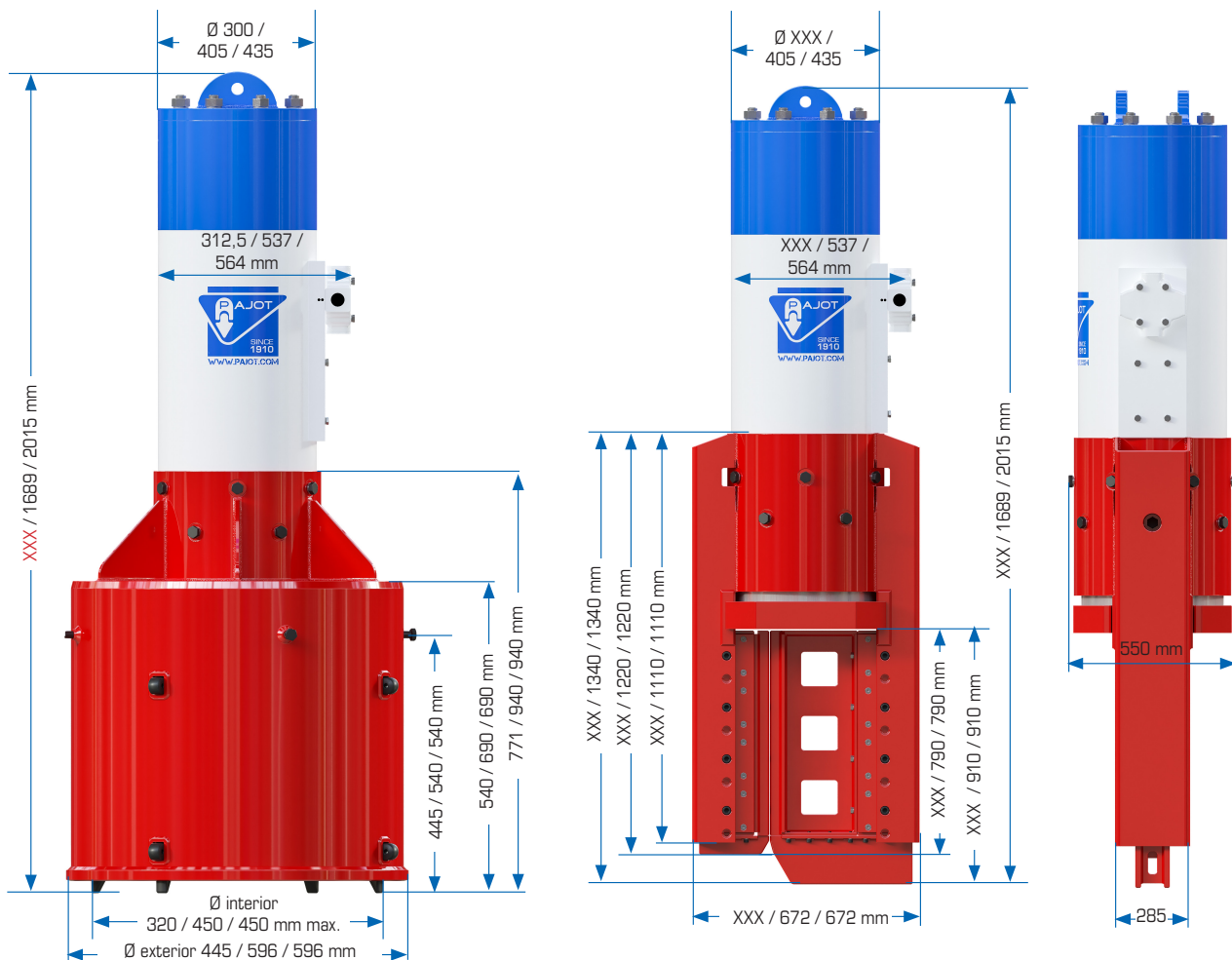
FURTHER INFORMATION

Maximum practical load able to be exerted on a pile : 9 tons (550C), 15 tons (800C) and 24 tons (1200C).

Work capacity in a medium ground :

- ⋮ 400 mm single sheet pile, 6 to 8 meters in ground and
5 meters double sheet piles
- ⋮ Pointing closed tubes diam. 250 mm, 6 meters in ground
- ⋮ Open tubes diam. 350 mm, 8 meters in ground

550 C
COMING SOON



PAJOT 1400 HAMMER

SPECIFICATIONS

Approx. weight without guide (kg)	1 400
Approx. weight with leg guide (kg)	2 000
Impact energy at 8 bar (kg.m)	700
Blow rate (BPM)	240
Air required flow rate (l./minute)	11 000
Air required flow rate (CFM)	400
Hose diameter (mm)	40

This hammer can be fitted with :

- ⋮ 1 rectangular anvil
- ⋮ 1 square anvil
- ⋮ Under water job set-up



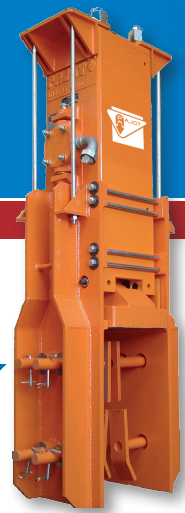
FURTHER INFORMATION

Maximum practical load able to be exerted on a pile : 26 t.

Work capacity in a medium ground :

- ⋮ 400 mm single sheet pile,
10 à 11 meters in ground
(8 meters for double sheet piles)
- ⋮ Pointing closed tubes diam.
250 mm, 20 meters in ground
- ⋮ Open tubes diam. 350 mm,
11 meters in ground



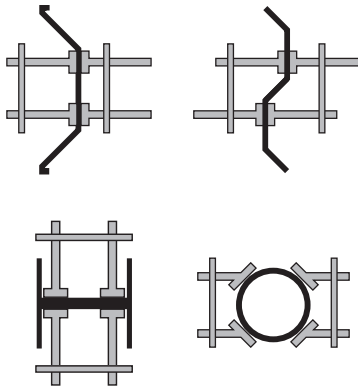


PAJOT 1400 HAMMERS

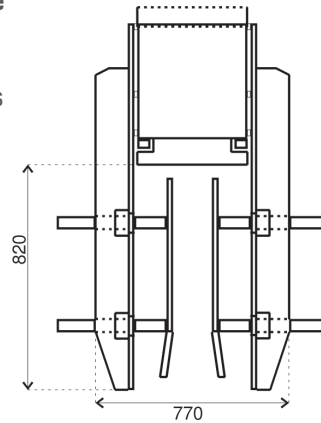
EQUIPMENTS

Specials guides on request, contact us

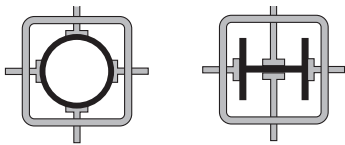
Adjustable leg guide :



Adjustable
leg guide
for
sheet piles
or H
from
240 mm
inside

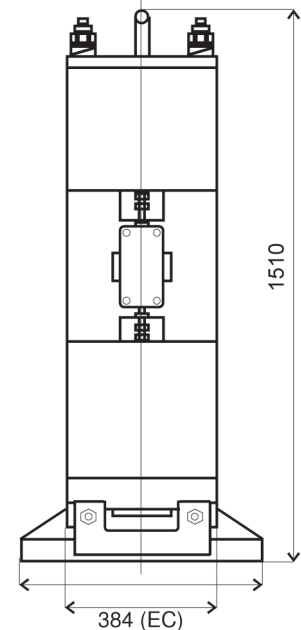
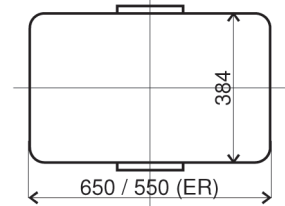
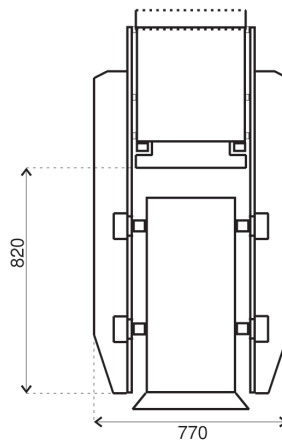


New adjustable pile guide :



Leg pile
guide
for max
315 mm

New model
adjustable
from
100 to
370 mm



Rectangular or
square anvil



Noise
abatement
cover
available for all
hammers



NEW CYLINDRIQUE HAMMER PAJOT 2200 C - 3200 C

SPECIFICATIONS

	2200 C	3200 C
Approx. weight without guide (kg)	2 200	3 200
Approx. weight with guide (kg)	around 4 400	around 5 200
Impact energy at 8 bar (kg.m)	1 600	2 514
Blow rate (BPM)	190	160
Air required flow rate (l/minute)	20 000	30 000
Air required flow rate (CFM)	700	1 000
Hose diameter (mm)	50	50

These 2 hammers can be fitted with :

- ⋮ 1 tube guide up to Ø 920 mm
- ⋮ 1 sheet pile guide (single or double)
- ⋮ Under water job set-up

SPECIFIC BENEFITS OF THE NEW "C" HAMMERS

- ⋮ Less parts breakage risk
- ⋮ Less troubles and maintenance task
- ⋮ Reducing wear parts consumption
- ⋮ Easier breakdown diagnostic
- ⋮ More reliable and robust set-up
- ⋮ Easier guide system adaptable to all type of profil
(tube, H beam, double and single sheet pile, etc...)
- ⋮ Manufacturing time reduced





NEW CYLINDRIQUE HAMMER PAJOT 2200 C - 3200 C

FURTHER INFORMATION

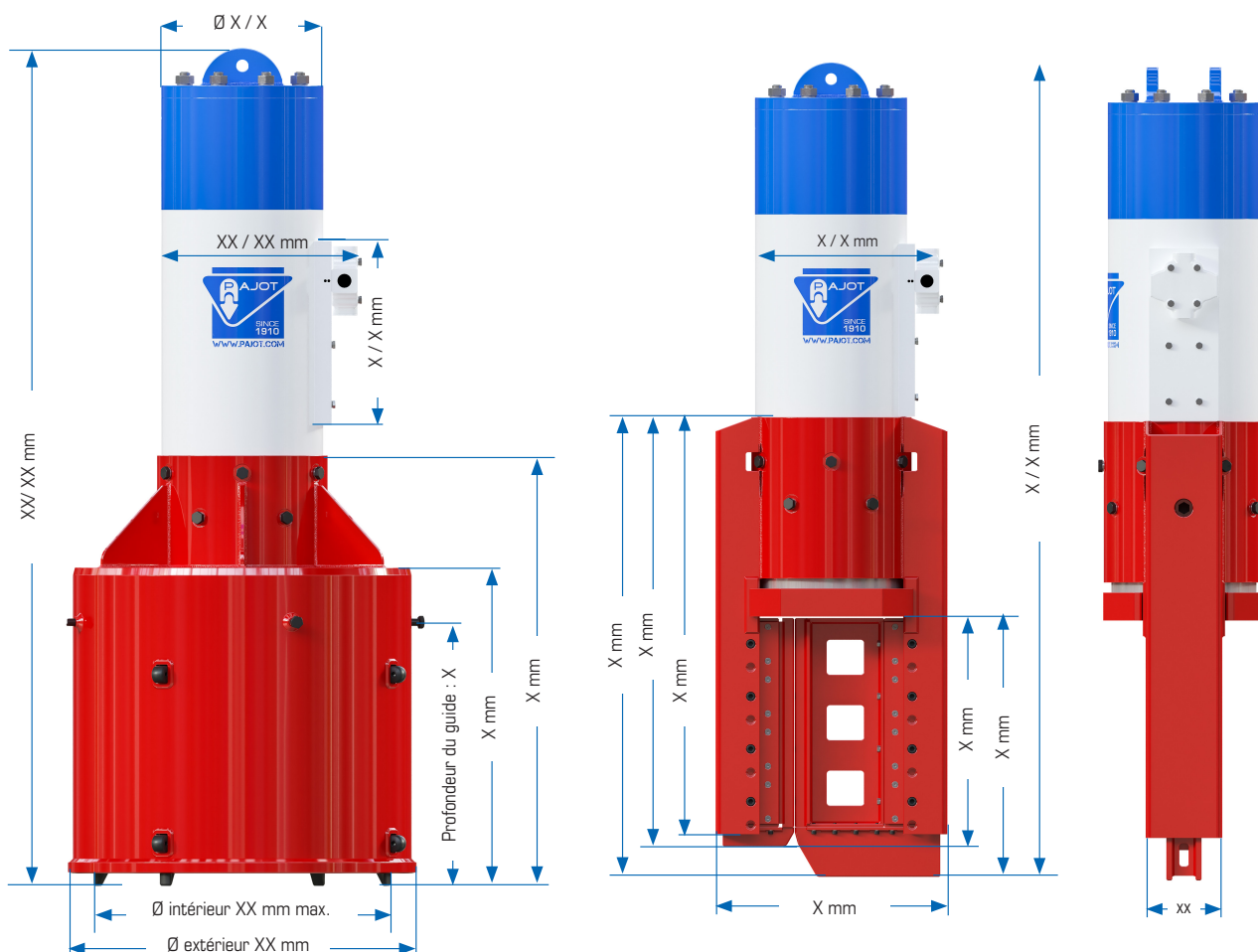
Maximum practical load able to be exerted on a pile : 56 tons.

Work capacity in a medium ground :

⋮ 600 mm single sheet pile, 20 to 25 meters in ground and
15 to 20 meters double sheet piles

⋮ Tubes diam. 350 mm, 15 to 20 meters in ground

**COMING
SOON**



PAJOT 2800 HAMMER

SPECIFICATIONS

Approx. weight without guide (kg)	2 800
Approx. weight with leg guide (kg)	3 800
Impact energy at 8 bar (kg.m)	1 600
Blow rate (BMP)	190
Air required flow rate (l./minute)	20 000
Air required flow rate (CFM)	700
Hose diameter (mm)	50

This hammer can be fitted with :

- ▣ 1 rectangular anvil
- ▣ 1 square anvil
- ▣ Under water job set-up



FURTHER INFORMATION

Maximum practical load able to be exerted on a pile : 56 t.

Work capacity in a medium ground :

- ▣ Double sheet piles, 15 meters in ground
- ▣ Open tubes diam. 350 mm, 15 meters in ground



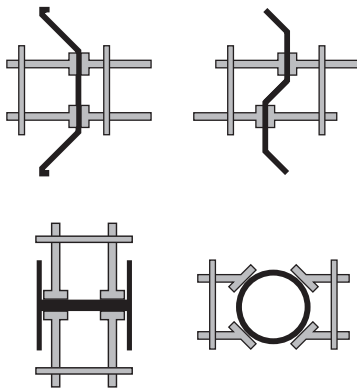
PAJOT 2800 HAMMERS

EQUIPMENTS

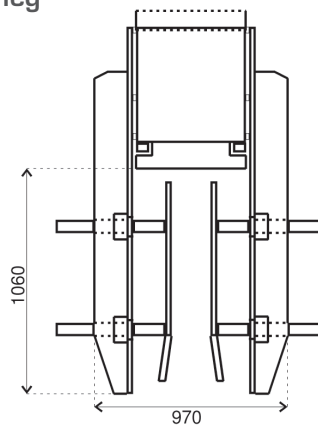
Specials guides on request, contact us



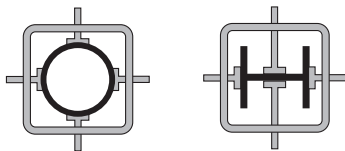
Adjustable leg guide :



Adjustable leg guide for small width sheet pile 600 mm and double sheet pile or H from 260 mm inside.

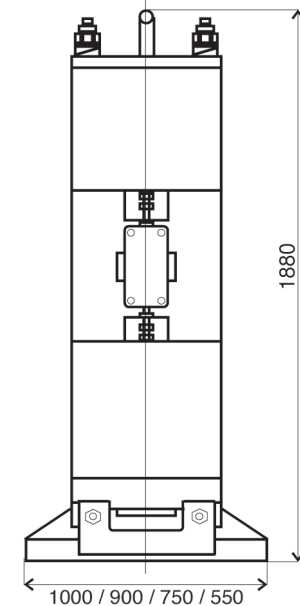
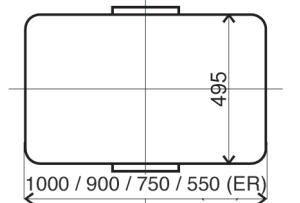
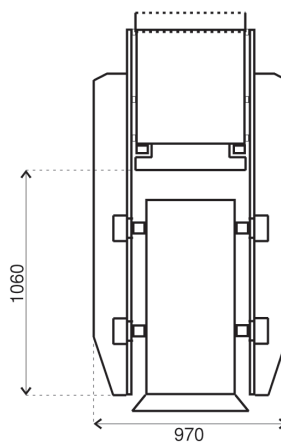


New adjustable pile guide :



Leg pile guide for max 315 mm

New model adjustable from 100 to 370 mm



Rectangular anvil



Noise abatement cover available for all hammers



PAJOT 3600 HAMMERS

SPECIFICATIONS

Approx. weight without guide (kg)	3 600
Approx. weight with leg guide (kg)	4 700
Impact energy at 8 bar (kg.m)	2 514
Blow rate (BPM)	160
Air required flow rate (l./minute)	25 000
Air required flow rate (CFM)	1 200
Hose diameter (mm)	50

This hammer can be fitted with :

- :::: 1 rectangular anvil
- :::: 1 square anvil
- :::: Under water job

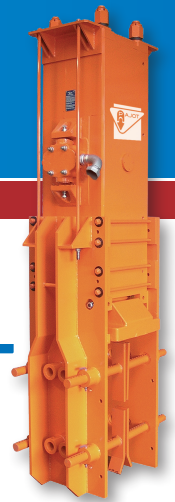


FURTHER INFORMATION

Maximum practical load able to be exerted on a pile : 95 t.

Work capacity in an medium ground :

- :::: Double sheet piles,
18 to 20 meters in ground
- :::: Open tubes diam. 350 mm,
18 meters in ground

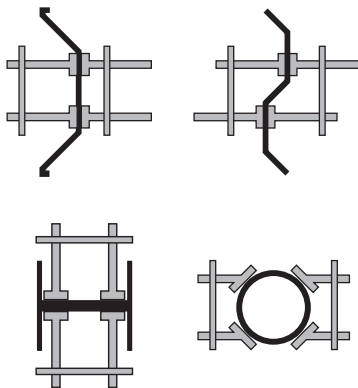


PAJOT 3600 HAMMERS

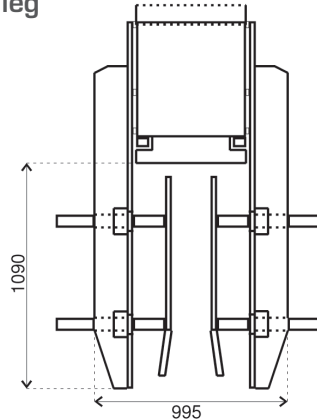
EQUIPMENTS

Specials guides on request, contact us

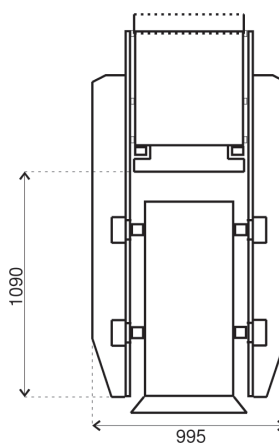
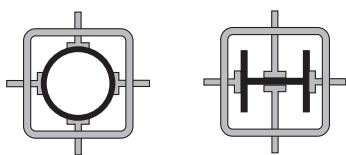
Adjustable leg guide :



Adjustable leg guide for small width sheet pile 600 mm and double sheet pile or H from 260 mm inside.

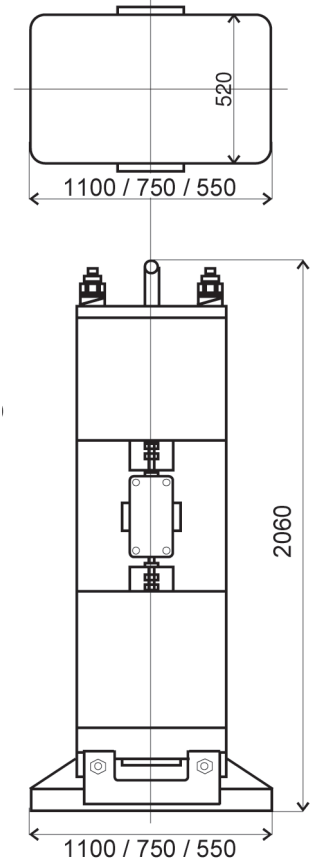


New adjustable pile guide :



Leg pile guide for max 450 mm

New model adjustable from 100 to 510 mm



Rectangular anvil

Contact us for special guide of tubes \varnothing 500 to 900 mm (special guide with spreader plate).

Noise abatement cover available for all hammers



NEW CYLINDRIQUE HAMMER PAJOT 4200 C

SPECIFICATIONS

Approx. weight without guide (kg).....	4 273
Approx. weight with guide (kg).....	approx. 7 000
Impact energy at 8 bar (kg.m).....	3 600
Blow rate (BPM).....	140
Air required flow rate (l./minute)	33 000
Air required flow rate (CFM)	1 200
Hose diameter (mm).....	50

This hammer can be fitted with :

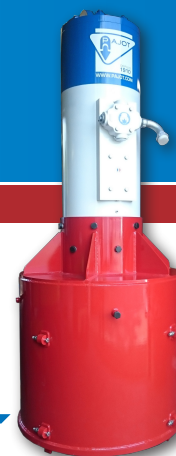
- ⋮ 1 Pile guide up to Ø 1 220 mm
- ⋮ 1 sheet pile guide (single or double)
- ⋮ Under water job set-up

SPECIFIC BENEFITS OF THE NEW "C" HAMMERS

- ⋮ Less parts breakage risk
- ⋮ Less troubles and maintenance task
- ⋮ Reducing wear parts consumption
- ⋮ Easier breakdown diagnostic
- ⋮ More reliable and robust set-up
- ⋮ Easier guide system adaptable to all type of profil
(tube, H beam, double and single sheet pile, etc...)
- ⋮ Manufacturing time reduced



NEW CYLINDRIQUE HAMMER PAJOT 4200 C

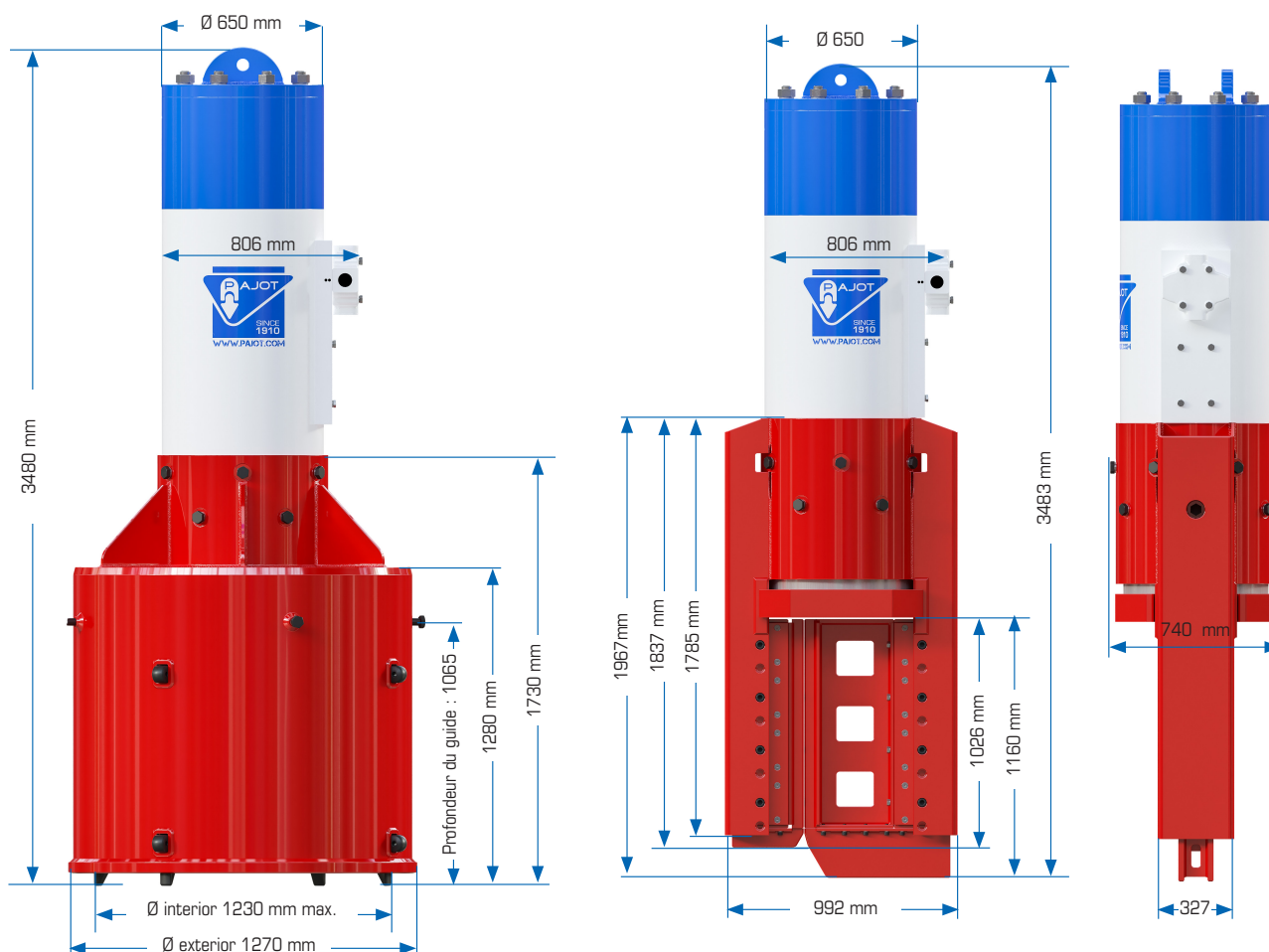


FURTHER INFORMATION

Maximum practical load able to be exerted
on a pile : 171 tons.

Work capacity in a medium ground :

- ::: Sheet pile, 600 mm wide, 20 meters double
sheet piles
- ::: Open tubes diam. 1 220 mm, 15 meters in ground



NEW CYLINDRIQUE HAMMER PAJOT 5200 C

SPECIFICATIONS

Approx. weight without guide (kg).....	5 150
Approx. weight with guide (kg).....	approx. 8 000
Impact energy at 8 bar (kg.m).....	5 200
Blow rate (BPM).....	120
Air required flow rate (l/minute)	35 000
Air required flow rate (CFM)	1 200
Hose diameter	50

This hammer can be fitted with :

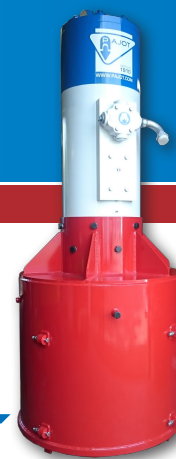
- ⋮ 1 tube guide up to Ø 1 220 mm
- ⋮ 1 sheet pile guide (single or double)
- ⋮ Under water job set-up

SPECIFIC BENEFITS OF THE NEW "C" HAMMERS

- ⋮ Less parts breakage risk
- ⋮ Less troubles and maintenance task
- ⋮ Reducing wear parts consumption
- ⋮ Easier breakdown diagnostic
- ⋮ More reliable and robust set-up
- ⋮ Easier guide system adaptable to all type of profil
(tube, H beam, double and single sheet pile, etc...)
- ⋮ Manufacturing time reduced



NEW CYLINDRIQUE HAMMER PAJOT 5200 C

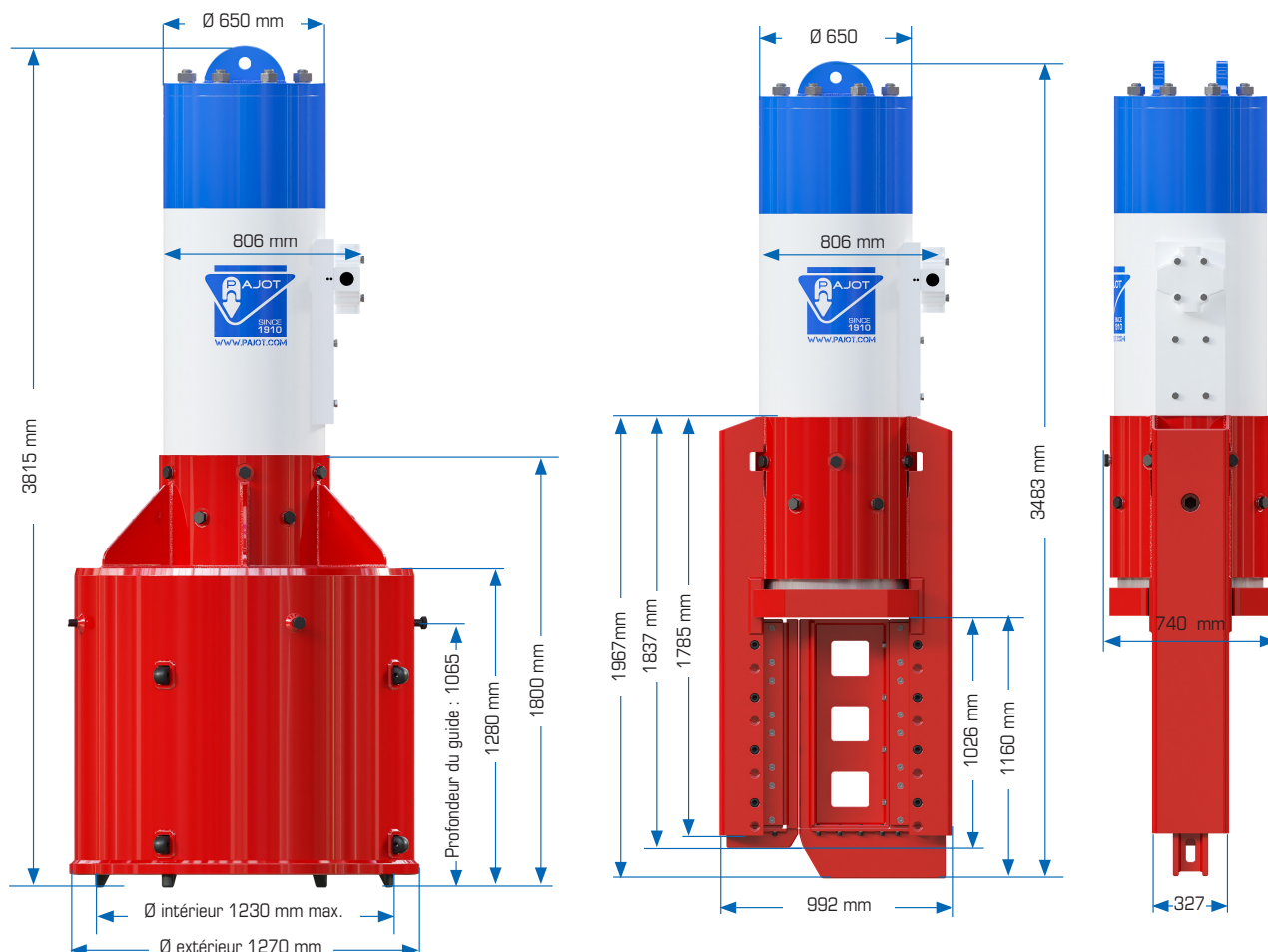


FURTHER INFORMATION

Maximum practical load able to be exerted
on a pile : 247 tons.

Work capacity in a medium ground :

- ::: Sheet pile, 700 mm wide, 20 meters double
sheet piles
- ::: Open tubes diam. 1 220 mm, 20 meters in ground



SHEET PILE THREADER PAJOT

The PAJOT sheet pile threading system is designed to insert sheet piles (U) into one another easily to form a curtain wall, whatever the weather. They dispense with the need to post an operator at a height of several meters.

The system is risk-free and easy to set up from the ground. Engagement entails simply pulling on a rope.

The threading system fits every profile, by simply, changing one part.



SECURITY

The PAJOT thrower replaces "the performer on the flying trapeze" one can sometimes find at the very top of the piles, several meters high. The handling of the thrower at ground level entails no risk.

TIME SAVING

The search of piling locks coincidence, the classic way, is long and tedious, all the more when the pile height is important. The PAJOT thrower reduces these operations to a simple pull on a rope end.

SIMPLICITY

The PAJOT threader is a very simple design and adaptable for any work site.

One wrench size permits all maintenance and adjusting operations.

ALL WEATHER OPERATION

Device simplicity and pile preparation permit to insure engaging under any weather condition.

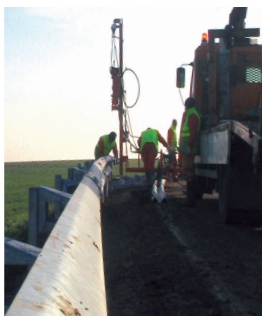
ADAPTATION TO ALL PILES

Only one adaptor piece needs to be changed depending on the piles used. Carriage and clamping vice are the same in all cases.

SAFE HANDLING

The PAJOT threader is used in all positions with respect to sheet. It can be put apart with a simple pivoting of the clamping vice the clamping thrower at the bottom of the pile is associated with a pilot which insures a safe fastening.

AIR GUARDRAIL POST PILE DRIVER PAJOT

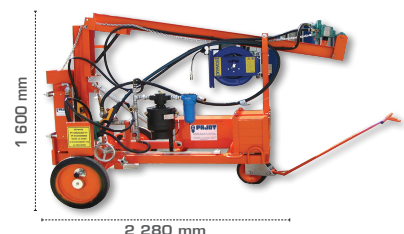
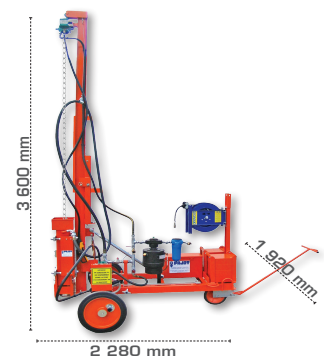


MAIN ADVANTAGES

- Verticalness adjusting in three dimensions
- Articulated leader jacking system which the lifting can be made by 1 man
- 500 mm wheels, mounted on bearings ball (fuse goes up on bearing ball) special tire for rolling without effort guardrails, even those of type A
- Pneumatic equipment : Air line with valve, 1" line lubricator with water decantor and exit for tool's
- Compressed air pulley block with air progressive remote control with emergency system, within reach of driver's hand, lifting 500 kg
- 1 translation engine with air progressive advancing and a blocking engine in the two ways (security, to shut off air and the brake stay blocked)
- 1 Level indicator, 1 tool's box and one hand break (pneumatic in option)

SPECIFICATIONS

Total weight without hammer : 1 100 kg
 Max. height under PAJOT
 AIR HAMMER 300 : 2350 mm
 Leader stroke : 1150 mm
 Leader adjust in 3 dimensions
 Designed for PAJOT AIR HAMMER 115, 160 and 300 kg



OPTIONS

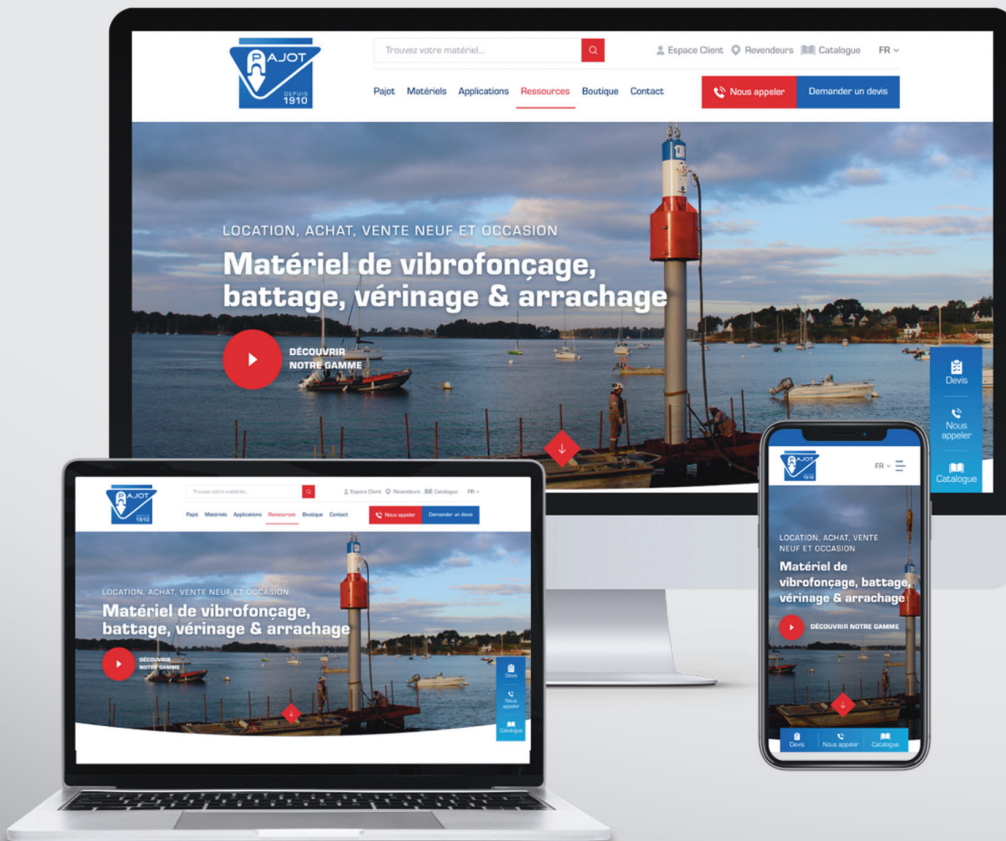
- 8 liters lubricator tank
- Progressive remote control on moving motor
- Leader stroke > 1200 mm
- Contact us
- Hose derouler 10, 15 ou 20 meters

HAMMER to fit on SPR 108	115	160	300
Energy (kgm/coup)	47	80	110
Flow needed (m³/min.)	2,5	3	3,5
Blow/min.	500	450	420
Body dimensions in mm	970 x 136 x 136	990 x 160 x 160	1250 x 175 x 175
Hose diameter in mm	25	25	25

A family story for more than a century ...



... for its most customer satisfaction



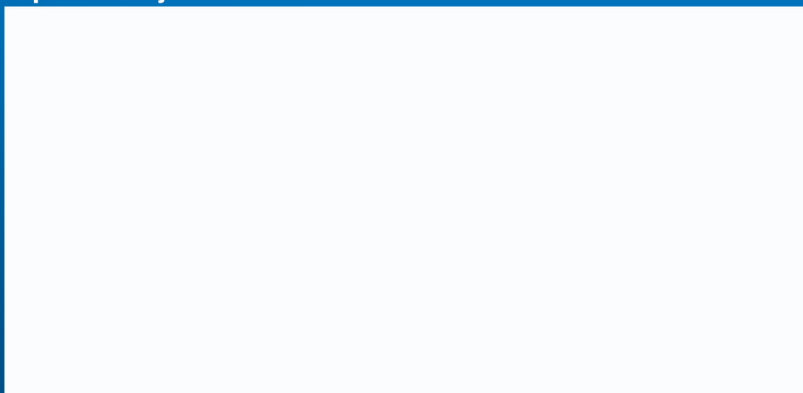
More informations on
WWW.PAJOT.COM

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