



HIGH PERFORMANCE
GREAT RELIABILITY
SIMPLE MAINTENANCE



7 decades of experience in manufacturing
construction equipment

HPV Vistarini products are designed and developed to ensure high performances, to be reliable, efficient, and easy to maintain.

All our products are manufactured in Italy. This is not only synonym of quality and guaranteed lead time, this allows us to improve our efficiency and competitiveness. We control the complete supply chain to ensure the highest Made in Italy Quality.

Providing a first-class support to our customers and partners is our priority, hence qualified service and attentive customer care are of great importance to us.

Fast delivery product customisation, the search for dedicated solutions and tailored special applications are all features that distinguish HPV Vistarini.

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- > 100% Made in Italy

> Certified production process and materials

> High performance

> Fast deliveries
- > Customisation

> Tailor-made solutions

> Special applications



Our commitment to achieve greater sustainability

Clear goals

Thanks to decades of experience and innovation we manufacture a range of Hydraulic Breakers environmentally friendly with improved efficiency and low consumption.

Power to weight ratio and efficiency have been significantly increased: our breakers, in fact, require less power which means reducing the number of revolutions per minute on the excavator, reducing fuel consumption and emissions.

Reducing environment impact is becoming an increasing common practice in the construction machinery industry, confirming the actuality of the choices we made more than 20 years ago:



Low consumption without compromising power



High durability



Low impact on the environment



Concrete commitment for a Low-Carbon society

POWER, RELIABILITY and CONTROL

- > 40% reduction of consumption without compromising power.
- > Easy installation on every model of excavators thanks to self-regulated distributor.
- > Maximum efficiency by matching hydraulic capacity of the carrier to the breaker.
- > Blank firing reduction with variable blow frequency.
- > Upper head sealed by special gaskets. No rubber membrane is needed to retain the nitrogen, ensuring superior energy transfer.
- > Nitrogen gas in the upper head absorbs the piston recoil, increasing the blow power and reducing vibration for less stress on carrying machine.
- > Durable tie rods designed to distribute the load evenly.
- > Tool bushing easily replaceable.
- > High back pressure allowed, facilitating installation without compromising power.

SERIE
S

ADD VALUE TO YOUR WORK



Why choosing HPV Vistarini

HIGH PRODUCTIVITY

The nitrogen in the upper head maximizes performance and improves efficiency.

MINIMUM MOVING PARTS

Only two moving parts reduce maintenance costs and downtime.

HIGH LEVEL OF RELIABILITY

The use of high-quality materials and the highest quality production process results in higher operating efficiency and longer lifetime to each part.

LOWER MAINTENANCE COSTS

Fewer parts to replace results in less and easier maintenance, reducing the operating costs.

HIGH POWER

A high production ratio in any application.

VHX^S

Light e Medium



Excavators:
0,5t / 9,0t



Compact design, prevents the risk of damages while working in contained spaces and increase operator visibility.

Simple installation.

Available with standard mounting adapter or mounting adapter for quick coupler.

Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
VHX61 S	0,5-1,0t	60 kg	9-18 l/m	80-100 bar	900-1200 min	180 Joule	Ø 36 mm
VHX90 S	1,2-2,0t	100 kg	20-25 l/m	90-110 bar	750-1000 min	290 Joule	Ø 45 mm
VHX120 S	1,8-2,5t	120 kg	23-27 l/m	95-120 bar	700-950 min	330 Joule	Ø 48 mm
VHX151 S	2,5-3,0t	150 kg	27-30 l/m	95-120 bar	700-900 min	350 Joule	Ø 50 mm
VHX200 S	3,2-4,5t	200 kg	30-45 l/m	120-140 bar	900-950 min	480 Joule	Ø 57 mm
VHX250 S	4,5-6,0t	250 kg	33-55 l/m	130-145 bar	750-900 min	790 Joule	Ø 65 mm
VHX333 S	6,0-8,0t	310 kg	60-90 l/m	130-145 bar	710-880 min	950 Joule	Ø 70 mm
VHX450 S	7,0-10,0t	450 kg	60-110 l/m	140-150 bar	700-850 min	1150 Joule	Ø 80 mm

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- > Solid body concept
- > Compact design
- > Simple installation

VHX^S

Heavy



Excavators:
9,0t / 40 t

Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
VHX700 S	9,0-13t	650 kg	45-85 l/m	130-150 bar	480-850 min	1350 Joule	Ø 90 mm
VHX1000 S	10-17t	900 kg	85-110 l/m	150-170 bar	450-780 min	2000 Joule	Ø 100 mm
VHX1500 S	15-20t	1400 kg	100-120 l/m	150-170 bar	420-700 min	2950 Joule	Ø 125 mm
VHX1700 S	18-28t	1700 kg	120-150 l/m	160-180 bar	350-680 min	4500 Joule	Ø 135 mm
VHX2000 S	20-30t	1950 kg	120-150 l/m	160-180 bar	280-550 min	5100 Joule	Ø 140 mm
VHX2200 S	27-40t	2200 kg	150-190 l/m	160-180 bar	300-650 min	6000 Joule	Ø 150 mm



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Modern and slim housing box type for better accessibility in demolition.

Available with standard mounting adapter or mounting adapter for quick coupler.

HBS

SERIE S

Light e Medium



Excavators:
0,5 / 8,0 t

Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
HBS6 S	0,5-1,0t	60 kg	9-18 l/m	80-100 bar	900-1200 min	180 Joule	36 mm
HBS9 S	1,2-2,0t	100 kg	20-25 l/m	90-110 bar	750-1000 min	290 Joule	45 mm
HBS12 S	1,8-2,5t	120 kg	23-27 l/m	95-120 bar	700-950 min	330 Joule	48 mm
HBS15 S	2,5-3,0t	150-140 kg	27-30 l/m	95-120 bar	700-900 min	350 Joule	50 mm
HBS20 S	3,5-4,5t	200-190 kg	30-45 l/m	120-140 bar	900-950 min	480 Joule	57 mm
HBS25 S	4,5-6,0t	250-240 kg	33-55 l/m	130-145 bar	750-900 min	790 Joule	65 mm
HBS33 S	6,0-8,0t	300-290 kg	60-90 l/m	130-145 bar	710-880 min	950 Joule	70 mm
HBS45 S	7,0-10,0t	440 kg	60-110 l/m	140-150 bar	700-850 min	1150 Joule	80 mm

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The unique design of this range allows to fix the adapter either to the top or to the side of the breaker.

This solution allows you to regain centimetres of eight while the breaker is used as pile driver.

Available with standard mounting adapter or mounting adapter for quick coupler.

VHD S

Light e Medium



Excavators:
0,5t / 6,0t

Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
VHD90 S	1,2 - 2,0t	100 kg	20-25 l/m	90-110 bar	750-1000 min	290 Joule	Ø 45 mm
VHD120 S	1,8 - 2,5t	120 kg	23-27 l/m	95-120 bar	700-950 min	330 Joule	Ø 48 mm
VHD151 S	2,5 - 3,0t	150 kg	27-30 l/m	95-120 bar	700-900 min	350 Joule	Ø 50 mm
VHD200 S	3,2 - 4,5t	200 kg	30-45 l/m	120-140 bar	900-950 min	480 Joule	Ø 57 mm
VHD250 S	4,5 - 6,0t	250 kg	33-55 l/m	130-145 bar	750-900 min	790 Joule	Ø 65 mm
VHD333 S	6,0-8,0t	310 kg	60-90 l/m	130-145 bar	710-880 min	950 Joule	Ø 70 mm
VHD450 S	7,0-10,0t	450 kg	60-110 l/m	140-150 bar	700-850 min	1150 Joule	Ø 80 mm



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MultiUtility

Multiutility is the new series of special equipment HPV by Vistarini. We developed a multi-equipment that allows different uses: from construction site to forestry and agriculture.



The frame of VHD breaker allows to fix the adapter to the side.

The grab is fixed on the top of the breaker.



The grab lifts the pile and with a light pressure places it on the ground.

By moving MultiUtility to a vertical position the pile is driven in the ground by the breaker.



A concentrate of versatility

- > It allows the quick and safe lifting and driving of the piles
- > It allows to extract old piles and move demolished material on construction site
- > Standard tools for demolition (moil point, flat chisel) can always be used
- > The grab is positioned on the top plate of the breaker with a fixing plate
- > Breaker and grab can be used also separately
- > It is possible to fix the adapter on the top of the breaker by using it without the grab



Technical features

	* CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	BREAKER PRESSURE	GRAB PRESSURE
M90 S	1,2,- 2,0	140 kg	20-25 l/min	90 -110 bar	180 bar
M120 S	1,8 - 2,5	160 kg	23-27 l/min	95 - 120 bar	180 bar
M151 S	2,5 - 3,0	190 kg	27 - 30 l/min	95 - 120 bar	180 bar
M200 S	3,5-4,5 t	290 Kg	30-45 l/min	120 - 140 bar	180 bar
M250 S	4,5-6,0 t	340 Kg	33-55 l/min	130 - 145 bar	180 bar
M333 S	6,0-8,0 t	400 Kg	60-90 l/min	130 - 145 bar	180 bar
M450 S	7,0-10,0 t	540 Kg	66-110 l/min	140 - 150 bar	180 bar

Pile driver point internal diameter from 150 to 200mm

* The carrying machine must be equipped with hydraulic system for breaker and for grab



TR^S

Light e Medium



Excavators:
0,5t / 6,0t



Innovative solution dedicated for backhoe loaders.

The special shape of the adapter allows the breaker to be folded under the backhoe arm.

The TR adapter can be easily replaced with a standard adapter for installing the breaker on excavator.



Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
VHX200TR S	6,0t	230 kg	30-45 l/m	120-140 bar	900-950 min	480 Joule	Ø 57 mm
VHX333TR S	7,5-8,5t	330 kg	60-90 l/m	130-145 bar	710-880 min	950 Joule	Ø 70 mm
VHX450TR S	8,5-9,5t	470 kg	60-110 l/m	140-150 bar	700-850 min	1150 Joule	Ø 80 mm

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The adapter is designed to be fixed on the front panel of the skid loader.

The SKL adapter can be easily replaced with a standard adapter for installing the breaker on excavator.

The mounting plate for skid loader is also available in our stock.

SKL SERIE S

Light e Medium



Skid loader:
1,5 / 4,3 t



Technical features

	CARRYING MACHINE	OPERATING WEIGHT	OIL FLOW	OPERATING PRESSURE	BLOWS PER MINUTE	BLOW ENERGY	TOOL DIAMETER
VHX90SKL S	1,5-2,0t	100 kg	20-25 l/m	90-110 bar	750-1000 min	290 Joule	Ø 45 mm
VHX151SKL S	2,9-3,3t	150 kg	27-30 l/m	95-120 bar	700-900 min	350 Joule	Ø 50 mm
VHX200SKL S	4,2-4,3t	200 kg	30-45 l/m	120-140 bar	900-950 min	480 Joule	Ø 57 mm

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Beside the standard tools, a wide range of accessories is also available:

Pile driver point, splitter, compacting plate, wooden points

SERIE S ACCESSORIES



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SERIE S PNEUMATIC HAMMERS

With 7 decades of experience HPV Vistarini is the only Italian manufacturer of pneumatic hammers for the construction and civil engineering market.

HPV Vistarini pneumatic hammers are manufactured using top-quality materials and have a modern design.

Our wide range includes tools for every task. Sturdy body and simple design allow easy maintenance and low cost for spare parts.

The dampened series minimizes the impact of vibrations on the operator.

Features and benefit

- > Ergonomic and easy to handle
- > Excellent power-to-weight ratio
- > High performance
- > Low consumption
- > Fast tool changes
- > Efficient silencer
- > Integrated lubricator to minimize tool wear

* available with selected tools only

AS Road Breakers (Dampened handle)



MODEL		AS280	AS220
Code		016560	016662/OL
Chuck size		Exg.32x160	Exg.25x108
Weight	Kg	30	20
Total lenght	mm	745	605
Air consumption	lt./min.	1500	1200
Pressure	bar	6:7	6:7
Lubrification built in		No	No

Road Breakers (Super silenced)



	S310	S210
Code	015320	015326
Chuck size	Exg.32x160	Exg.25x108
Weight	28	20
Total lenght	730	630
Air consumption	1700	1100
Pressure	6:7	6:7
Lubrification built in	Si	Si

Medium-Heavy Road Breakers (Silenced)



MODEL		S253	S252	S182	S152
Code		013000	0166660/OL	0166662/OL	015321
Chuck size		Exg.32x160	Exg.32x160	Exg.25x108	Exg.25x108
Weight	Kg	30	26	20	18
Total lenght	mm	745	710	605	596
Air consumption	lt./min.	1500	1500	1200	900
Pressure	bar	6:7	6:7	6:7	6:7
Lubrification built in		Si	Si	Si	No

Pick and chipping hammers (Silenced)



MODEL		V108K	V108	S71	S41	V276AK
Code		016667	016688	015645	015630	015228/AK
Chuck size		Exg.22x82,5	Exg.25x75	Exg.19x50	Exg.19x50	Exg.14,7x60
Weight	Kg	9,5	8,5	7	4,5	6,5
Total lenght	mm	508	508	420	350	373
Air consumption	lt./min.	900	900	600	450	600
Pressure	bar	6	6	6	6	6
Lubrification built in		No	No	No	No	No

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CONCRETE VIBRATORS

HPV Vistarini pocket vibrators are ideal for every type of compaction, they are simple and easy to use.

The standard hose length is 2m, but it is available in different sizes, up to 6m .

The diameter ranges is from 30mm to 100mm.

Features and benefiti

- > High working efficiency
- > Versatility
- > Large compaction capacity
- > Special anti-rust heat treatment
- > Rotor blade produced with oil resistant material
- > Easy maintenance

Technical features

TYPE		VVI 30	VVI 40	VVI 50	VVI 60	VVI 70	VVI 80	VVI 100
DIAMETER	Ø	30	40	50	60	70	80	100
WEIGHT	Kg	4	5	6	7,5	9	13	18
AIR CONSUMPTION	lt./min.	400	500	600	900	950	1600	1900
PRESSURE	bar	6:7	6:7	6:7	6:7	6:7	6:7	6:7
FREQUENCY	Sl./min.	20000	19000	18000	17500	17000	16500	15000
VOLUME	VI./m2h.ce	4-5	14-15	22-23	27-28	28-30	35-38	54-55
FORCE OUTPUT	Kp	100	200	350	500	600	1200	1500

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Tips to maintain productivity

ORIGINAL TOOLS

The tools are determinant for reliability, wear, productivity and performance of your breaker.

Only using HPV Vistarini original tools you can have a reliable and productive breaker.

MAINTENANCE KIT

A correct maintenance starts with the choice of the original spare parts. Our kit contains all the components which are necessary for a correct maintenance, respecting the manufacturer specifications.

LUBRICANTS

To ensure reliability and maximum life of your hydraulic breaker's tools and tool bushing, it is essential to use the appropriate lubricant.

HPV Vistarini has selected to use lubricants from NILS, an experienced partner that shares with HPV Vistarini the goal of providing its customers with simple but effective solutions that reduce time and maintenance costs.

HPV Vistarini recommends NILS "Meisselpaste", a combination of solid lubricants with high thermal resistance, good anticorrosive properties and stability in the presence of water.



notes





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