

DO EVERYTHING IN ONE WORK SESSION



Excavation
in any type of soil, even frozen.



Demolition
is more efficient than with conventional hydraulic hammers.



Prying
poses no risk of damage to the hydraulic cell.



Compacting
is precise and efficient thanks to the combination of percussion and the weight of the machine, even in hard-to-access spots.



Backfilling
is comparable to conventional buckets of similar size.



Ripping
is more effective than with conventional tools.



1000 Series

Bucket Dimensions	Bucket Characteristics			Weight (Including fixed mounting lugs)	Load Volume		Recommended Carrier Weight
	W	H	D		To the brim	Overflow	
12"	12" (0.3 m)	36 3/4" (0.93 m)	41 9/32" (1.05 m)	543 lbs (246 kg)	0.08 yard ³ (0.06 m ³)	0.12 yard ³ (0.08 m ³)	3.5 - 7.5 Tons
Hydraulic Cell Characteristics							
Impact Energy (Class)	Frequency	Gas Type	Nitrogen Pressure	Hydraulic Pressure	Hydraulic Flow		
200 ft-lbs	1625 BPM	Nitrogen	18.5 bar (268 psi)	110-131 bar (1595-1900 psi)	15-35 l/min (4.0-9.2 gal US/min)		

2000 Series

Bucket Dimensions	Bucket Characteristics			Weight (Including fixed mounting lugs)	Load Volume		Recommended Carrier Weight
	W	H	D		To the brim	Overflow	
12"	12" (0.3 m)	40" (1.0 m)	46" (1.2 m)	790 lbs (335 kg)	0.10 yard ³ (0.08 m ³)	1/4 yard ³ (0.2 m ³)	5.5 - 11 Tons
24"	24" (0.6 m)	40" (1.0 m)	46" (1.2 m)	1010 lbs (458 kg)	0.25 yard ³ (0.19 m ³)	1/2 yard ³ (0.4 m ³)	5.5 - 11 Tons
Hydraulic Cell Characteristics							
Impact Energy (Class)	Frequency	Gas Type	Nitrogen Pressure	Hydraulic Pressure	Hydraulic Flow		
400 ft-lbs	1350 BPM	Nitrogen	20.5 bar (297 psi)	110-140 bar (1595-2030 psi)	30-50 l/min (7.9-13.2 gal US/min)		

3000 Series

Bucket Dimensions	Bucket Characteristics			Weight (Including fixed mounting lugs)	Load Volume		Recommended Carrier Weight
	W	H	D		To the brim	Overflow	
18"	18" (0.46 m)	42 7/8" (1.1 m)	48 5/8" (1.2 m)	1210 lbs (550 kg)	0.20 yard ³ (0.16 m ³)	0.31 yard ³ (0.24 m ³)	8.5 - 15 Tons
24"	24" (0.6 m)	42 7/8" (1.1 m)	48 5/8" (1.2 m)	1290 lbs (585 kg)	0.27 yard ³ (0.21 m ³)	0.42 yard ³ (0.32 m ³)	8.5 - 15 Tons
30"	30" (0.76 m)	42 7/8" (1.1 m)	48 5/8" (1.2 m)	1370 lbs (620 kg)	0.34 yard ³ (0.26 m ³)	0.52 yard ³ (0.40 m ³)	8.5 - 15 Tons
Hydraulic Cell Characteristics							
Impact Energy (Class)	Frequency	Gas Type	Nitrogen Pressure	Hydraulic Pressure	Hydraulic Flow		
550 ft-lbs	1300 BPM	Nitrogen	19.0 bar (275 psi)	10-140 bar (1595-2030 psi)	35-60 l/min (9.2-15.8 gal US/min)		

4000 Series

Bucket Dimensions	Bucket Characteristics			Weight (Including fixed mounting lugs)	Load Volume		Recommended Carrier Weight
	W	H	D		To the brim	Overflow	
18"	18" (0.46 m)	56" (1.4 m)	61 3/4" (1.6 m)	1600 lbs (725 kg)	0.42 yard ³ (0.32 m ³)	0.70 yard ³ (0.54 m ³)	14 - 21 Tons
24"	24" (0.6 m)	56" (1.4 m)	61 3/4" (1.6 m)	1729 lbs (784 kg)	0.62 yard ³ (0.47 m ³)	0.90 yard ³ (0.69 m ³)	14 - 21 Tons
30"	30" (0.76 m)	56" (1.4 m)	61 3/4" (1.6 m)	1850 lbs (839 kg)	0.82 yard ³ (0.63 m ³)	1.10 yard ³ (0.84 m ³)	14 - 21 Tons
36"	36" (0.76 m)	56" (1.4 m)	61 3/4" (1.6 m)	1975 lbs (895 kg)	1.02 yard ³ (0.78 m ³)	1.30 yard ³ (1.00 m ³)	14 - 21 Tons
Hydraulic Cell Characteristics							
Impact Energy (Class)	Frequency	Gas Type	Nitrogen Pressure	Hydraulic Pressure	Hydraulic Flow		
750 ft-lbs	1225 BPM	Nitrogen	15.0 bar (215 psi)	100-140 bar (1450-2030 psi)	45-75 l/min (11.9-19.8 gal US/min)		

5000 Series

Bucket Dimensions	Bucket Characteristics			Weight (Including fixed mounting lugs)	Load Volume		Recommended Carrier Weight
	W	H	D		To the brim	Overflow	
24"	24" (0.6 m)	68" (1.73 m)	64" (1.6 m)	2100 lbs (952 kg)	0.54 yard ³ (0.41 m ³)	0.94 yard ³ (0.72 m ³)	20 - 30 Tons
30"	30" (0.76 m)	68" (1.73 m)	64" (1.6 m)	2250 lbs (1020 kg)	0.74 yard ³ (0.57 m ³)	1.14 yard ³ (0.87 m ³)	20 - 30 Tons
36"	36" (0.91 m)	68" (1.73 m)	64" (1.6 m)	2400 lbs (1088 kg)	0.94 yard ³ (0.72 m ³)	1.34 yard ³ (1.02 m ³)	20 - 30 Tons
42"	42" (1.07 m)	68" (1.73 m)	64" (1.6 m)	2550 lbs (1156 kg)	1.14 yard ³ (0.87 m ³)	1.54 yard ³ (1.18 m ³)	20 - 30 Tons
Hydraulic Cell Characteristics							
Impact Energy (Class)	Frequency	Gas Type	Nitrogen Pressure	Hydraulic Pressure	Hydraulic Flow		
1000 ft-lbs	980 BPM	Nitrogen	16.5 bar (240 psi)	120-150 bar (1740-2175 psi)	60-90 l/min (15.8-23.8 gal US/min)		

Features and technical data included in this document are subject to change without notice.

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pic Bucket

DO MORE. DO IT BETTER. DO IT FASTER.



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480, rue Fernand-Poitras, Terrebonne (Québec) J6Y 1Y4 CANADA www.powertechci.com

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A SINGLE ATTACHMENT. MORE VERSATILE. MORE PRODUCTIVE. MORE PROFITABLE.

A true jobsite revolution

With the PicBucket, a single piece of equipment gives you both the force of a hydraulic hammer and the digging power of a conventional bucket. Not only does the PicBucket perform the work of both of these tools in a single work session, it also allows the accomplishment of previously impossible tasks since the power of percussion can be used from any angle with no risk of damage to the hydraulic cell.

You can now do more work, faster and more efficiently, with a single piece of equipment.

Reliable. Strong. Proven.

The PicBucket's innovative design is actually very simple. It uses heavy-duty, time-tested components for reliability and easy maintenance even on the toughest jobsites.

The PicBucket has been tested under the most challenging working conditions imaginable. Those who use it are amazed by its versatility, productivity, and ease of use.

The Multifunctional Bucket. The PicBucket is the first percussion bucket in the world that outperforms both conventional buckets and hammers.

- Heavy-duty, vibration-resistant welded structure.
- Easy-access hydraulic connections for quick installation.
- Grease fittings for rapid maintenance.
- Easy-access compressed air connections for working under water.
- Removable cover for easy access to hydraulic cell.
- Hydraulic percussion cell installed within the structure and held in place by high-density polyurethane guides.
- Tool holder in heavy-duty tempered steel to absorb bending stress.
- Geometrically optimized to equal load capacity of conventional buckets.

The Anvil. An important part of the innovative PicBucket design.

- Avoids direct contact between the hydraulic cell piston and PicBucket tools; it's the anvil that strikes the tools.
- Protects the piston without lowering percussion force, permitting work from any angle.
- Tempered, impact-resistant steel.

The Hydraulic Cell. The PicBucket features the hydraulic cell with the highest performance in its category.

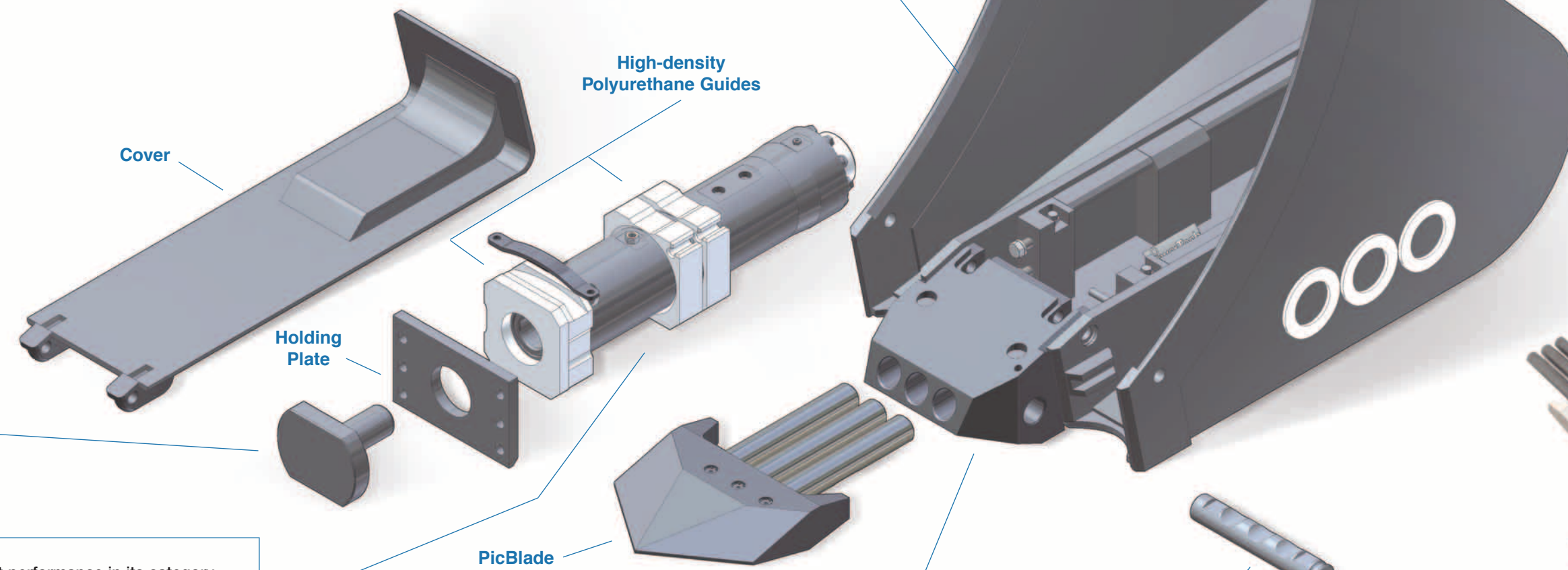
- High-impact/high-frequency cell for maximum productivity.
- Effective percussion action.
- High-density polyurethane guides completely surround the hydraulic cell, preventing metal-to-metal contact and absorbing vibrations in order to reduce impact to the machine arm and improve operator comfort.
- Simple design features only two moving parts.
- Compressed air line allows excavation under water.
- Easy maintenance with a single access point for lubrication.
- Easy access to rechargeable accumulator.
- Practical design in terms of maintenance; by unbolting the holding plate, all inner components can be removed layer by layer for easy replacement of worn parts.

The Tool Holder. The exclusive design enables tasks that conventional hydraulic hammers simply can't handle.

- Maximum power at all times and at any angle.
- Exclusive design insuring proper guiding length for all accessories to absorb all bending forces and permitting tasks such as prying and ripping.
- The tool holder in tempered steel absorbs bending stress and requires no maintenance.
- No percussion guides or bearings to replace.
- Unique design helps reduce costs associated with conventional hydraulic hammers.

The Quick Lock. The simple, heavy-duty system that holds PicBucket tools in place.

- The quick release system retains and releases tools effectively.
- Changing tools is fast and easy with a simple half-turn of the key.
- Easy access for lubrication.
- Uniform grease distribution within the mechanism.



TOOLS DESIGNED FOR ANY JOB.

The special design of the PicBucket made possible the development of a series of accessories that increase the base equipment's versatility with no added complexity.

Standard or Chisel PicPins.

For general demolition and for excavation in frozen or hard soils, concrete, or rock. Set of three standard or chisel points of varying lengths in tempered steel. Their design enables better maneuverability, avoids slipping on the work surface, and provides more power and productivity. Various combinations are possible.

PicBlade.

Demolition blade. Cuts through rebars to make demolition work simpler in reinforced concrete. The best tool for digging uniform trenches in hard or frozen soil.

PicGrate.

Designed for general excavation, trenching, and site cleaning and leveling. Ideal for excavating clay. Also good for light demolition and cutting (asphalt, surface frost, etc.)

PicPlate.

Efficient compacting tool that combines the effects of hydraulic percussion with the weight of the machine. Works effectively in tight spaces and from any angle; particularly good for slopes. No motor, no valves, no hoses, and no hydraulic connections means less maintenance.

PicAdapt.

With the help of this adapter inserted in the tool holder, any construction tool or accessory can be installed, whether or not hydraulic or pneumatic power is needed.

