- the choice of professionals...

HYCON

BEST CHOICE RENTAL

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ONE powersource gives multiple choice...

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HEAVY DUTY BREAKERS

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- in high quality tools for professionals!



HYCON hydraulic tools and powerpacks are the choice of professionals. For the expert, who values high performance and reliability, operator comfort and easy service. Furthermore, HYCON is ONE hydraulic system with only ONE power source: THE HYCON POWERPACK

Challenge your habits...

HYCON

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If you have never tried hydraulic breakers, tools or powerpacks, the explanation is often quite simple: You know what you have, and you probably feel a little insecure by changing to hydraulics. The force of habit is quite understandable - and we know it so well at HYCON..!

Therefore we have gathered a number of well documented facts in this catalogue, which will most likely make you see things differently and arouse your interest in many benefits of good equipment from HYCON.

The HYCON HH-series is a complete line of handheld, hydraulic breakers. The breakers are characterized by superior performance compared to conventional electric and pneumatic tools, and the HH-series is among the best performing on the market. With a HYCON breaker the job is done faster, more efficiently, and you save time and money from day one.

Our tools, such as ringsaws, cut-off saws and core drills, are characterized by ultimate quality and durability. Make no mistake about the weight: HYCON Tools gives you a very low operating weight with maximum power..!

The HYCON HH-series, the HYCON Tools and the HYCON HPP-powerpacks are designed and made in Denmark. They are made for tough breaking jobs under extreme working conditions. We make no compromises in technique and design, and we use only the best and strongest components to ensure unique functioning and long lifetime of our tools.

HYCON is handmade quality, and works irrespective of weather conditions, does not freeze up in the winter and can also be used under water!

Characteristics, hydraulics:
Higher efficiency than pneumatics
Weight from only 54 kg
Engine from 6.5 HP
Can be used for many tools
Simple design
All parts run in oil
Few wearing parts
Not possible to operate the wrong way
Works perfectly in frosty weather
No registration/license plates/insurance

Low investment

Advantages:	
9 HP engine = 25 HP compressor	1
Smaller equipment	
Low fuel consumption	
Flexible use	
All parts accessible	
Less wear	-
Less service	
No instructions required	
No weather-related interruptions	
No fixed costs	
Approx. 50% of compressor	

Benefit of the customer:
Smaller engine - same performance
Easy transport
Prompt savings
Maximum utilization of investment
Extremely service-friendly
Long Life
Low service costs
No interruptions during work
Savings in the winter
Much lower cost than alternatives
Less capital tied up

"The Fuel-Saver" versus traditional compressor...





Estimated costs - air compressor versus HYCON hydraulics - for the purchase as well as one year operation of the tools. The performance of the tools are the same. The result: Up to 85% saved..!

Designed for professionals ultimate reliability..!

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UNIQUE ANTI-VIBRATION

EASY CLEANING - WITH PRESSURE WASHER!









Higher efficiency, robust design and low weight..!

The hydraulic HYCON HPP-powerpacks are the power source of the HYCON hydraulic system. The series of powerpacks complies with any demand on an efficient power source - irrespective of the size, the nature and the difficulty of the jobs. The HPP-powerpacks are characterized by a simple and sturdy modular construction with few wearing parts and an easily-accessible and user-friendly design. The individual components of the powerpacks have been carefully selected after thorough tests on our testing facilities, and the entire HPP-series has a unique quality and therefore a high reliability.

No instructions are required for the very simple operation of the powerpacks this is one of the features that make this solution very suitable for the rental business. The HYCON hydraulic system ensures flexibility, more power and fuel consumption much lower than a compressor..!







Oil flow lpm 1x20





Perfect teamwork...



Constant (Constant)

HYCON breakers: Raw power at low weight...

The HYCON HH-series is the result of the strongest and most modern design on the market. Our hydraulic quality breakers have practically only two moving parts, and this ensures minimum wear and consequently much lower operating costs. The HYCON HH-series is equipped with the world's best vibration-dampening system as standard - the HYCON PROLINE handle.

This handle gives unique operator comfort with a vibration level as low as 4.8 m/s² (HH20RV), and the breaker can therefore be used efficiently 8 hours per day.

The reliability, the sturdy design and the supreme component quality of the HYCON HH-series means long life - also under extreme working conditions!











HYCON Ring Saw: The ultimate cut..!

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WHAT



With a cutting depth of 300 mm this unique tool gives you the best cuttingeconomy, higher efficiency - and a lot more power..!

The HYCON hydraulic ring saw offers you the most overall efficient and productive 300 mm deep cutting. Imagine all the new work it will open up to your business and for you to carry out at minimum cost. All parts run in oil - no down time and service is next to nothing.

The HYCON ring saw has a unique design and state of the art drive mechanism that will give you many hours of use and long lasting wearing parts that will ensure you low operating cost.

Investing in a ring saw is investing in more work because it will cut 300 mm deep compared to common petrol or hydraulic circular hand saws. It is also investing in higher efficiency because it will cut 300 mm deep resulting in less work afterwards (e.g. a doorway) and less after work means job done faster and much cheaper!

HYCON HRS400 PREMIUM Ring Saw

Cut any concrete, bricks, stone, etc.
also with rebar in 300 mm depth
Cutting of openings for doors
and windows, cutting of pipes, etc.
Under water jobs
Very powerful - up to 18 HP
ASCO Safety System
Long lifetime - all parts run in oil
Ergonomic design - operator comfort
Easy change of blades
Lower vibrations and weight

ASCO SAFETY

The HYCON HRS400 Ring Saw cuts any concrete, bricks, stone etc also with rebar in 300 mm depth! Weight only 10.2 kg...

Champions in depth...



The HYCON Cut-off Saw PREMIUM is available in 4 versions: HCS14, HCS16, HCS18 and HCS20. All types can be used for horizontal and vertical cutting. They cut all types of concrete, steel, brick wall, asphalt etc.

The HYCON Cut-off saw is a very sturdy tool intended for cutting even under the most extreme conditions. It is completely unaffected by water and dust, and all parts run in oil. The HYCON PREMIUM-saws are built for hard use day after day - without breakdowns. The fact, that the saw is always working and does not require service means higher profits than with e.g. a petrol saw.

The cut-off saw offers top safety with the built-in ASCO System (Automatic Safety Cut off). The tool automatically cuts off if the disc jams no injury to the operator.

HYCON Cut-off Saw PREMIUM-Series

Low weight - from only 7.4 kg
30% more power - 0% maintenance!
Ideal for pre-cutting
Superior built quality - perfectly balanced
Maintain full torque in lifetime
Stronger shaft and bearings
Slim design - get close to corners
Faster blade rotation stop
Work under water
No airfilter - No belt
ASCO safety (Automatic Safety Cut Off)

The NEW designed HYCON-motor combines strengh, high performance and zero maintenance..!



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Drill holes up to Ø350 mm - in all materials..!

With a hydraulic handheld core drill you will achieve a significant improvement of your profits as there are no costs for setting up a rig. Furthermore, the performance of the core drill allows for drilling of holes up to ø350 mm in all materials - also with reinforcement. Therefore it is only necessary to invest in ONE core drill for many different kinds of jobs.

All parts run in oil - a guarantee for long life and low service costs. The tool is totally unaffected by water, dust etc. The core drill offers top safety with the built-in ASCO System (Automatic Safety Cut off). The tool automatically cuts off if the core bit jams - no injury to the operator.

Drains





Electricians

Renovation





Advantages:

Freehand drilling - No rig required
Small and compact/low weight - Drills everywhere
Drills up to ø350 mm - ONE drill for all jobs
High performance - Drills also in reinforcement
Cuts off if the core bit jams - ASCO safety system
No instructions needed - Can be used by everybody
All parts run in oil - Less service and longer life
No vibrations – no petrol engine - High operator comfort
Variable rotary speed - Easy drill start
Can drill under water - Numerous applications
Closed system - No problems with dirt in the system

HYCON HCD Max. drilling diameter

350 mm

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Submersible pumps -up to 204 m³/hour

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HYCON HWP4 Capacity/hour 204m³ **HYCON HWP3** Capacity/hour

HYCON HWP3 Capacity/hour **80m³ 46m³**

HYCON Submersible pumps: High quality and performance. Run dry without damage..!

The HYCON submersible pump is a VOR-TEX pump. VORTEX pumps are designed especially for dirty water with even very large solids.

The impeller at top sets the water in a circular movement and by centrifugal force a centre of air shaped like a cone will occur. This way there is very little contact between the water and the impeller, and wear is greatly reduced compared to other types of pumps.

In other types of pumps the water is pumped directly by the impeller, which is therefore worn much faster. Pumps of the special VORTEX design have longer lifetime and can pump larger solids.

Advantages:

No electric cables May run dry without damage Very high performance Few wearing parts - less service Long life No instructions required Connect to HYCON HPP, excavators, loaders etc VORTEX design - cost-saving Max. head 28 m (2") - 22 m (3") - 14 m (4") Pumps solids ø38-63-74 mm



Post Driver

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High-performance post driver for fencing jobs, road signs, farming, forestry, vineyards - for any driving job. The HYCON Post Driver is easy to use. Place it on the post and activate the trigger, or if you cannot reach high up place it on the post and activate it by the remote valve.

With high power it gets the job done fast day after day. In all weathers. Because it is hydraulic there is no maintenance. Additional applications are setting up crash barriers, all kinds of steel profiles, anchoring, tent stakes etc.

Connect the driver to our powerpacks or to excavators, tractors ect. HYCON Post Driver is the perfect tool to drive posts - everywhere..!



The Post Driver can be activated directly on the driver or with the remote valve when the driver is placed on the top of a tall post.

Tough tools for tough jobs...

Working under water is a tough environment and it requires special tools. We know divers work under very difficult conditions and they need extra help to get the job done. HYCON has designed a line of tools, specifically suited for under water use. Hydraulic tools are ideal, because it is a closed system and they offer a very high performance. Add to the high quality and compact user friendly tools and you have the perfect solution for under water use. With HYCON divers get the job done..!

HYCON has supplied tools for:

ones able to do the job..!

in harbours all over the world

Rescue jobs all over the world

moval of a foundation under water in rivers

Maintenance, demolition and new construction

Cutting pipes on 120 m depth at oil rigs in the North Sea - HYCON tools were the only

> Compact and light tools are crucial for under water work. Divers are made of a special material, because working under water is extremely difficult and stressful and is only for professionals. HYCON tools makes it easier...

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HYCON HFD Oil Flow Divider

The HYCON HFD oil flow divider is used to protect the hydraulic tool against overload when it is connected to excavators etc.

The HYCON oil flow divider has 3 built-in functions:

- 1. The regulation valve regulates the flow to the tool
- 2. The pressure relief valve ensures max. working pressure in the tool

- 3. The check valve ensures that the tool does not work the
- wrong way around (reverse)

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Overload is the greatest risk of damage to hydraulic tools when they are connected to excavators, trucks etc. The HYCON HFD oil flow divider guarantees the expected life of the tool.



HYCON HED HRD20 Rock Drill

The HYCON HRD20 rock drill is the only tool on the market with built in air flushing and 4 different settings of blow frequency and rotations. The investment in a HYCON HRD20 rock drill and a HYCON powerpack is therefore the best investment on the market.

The rock drill is characterized by a very high performance in relation to weight, and its high quality means long life. The drill rods are hex 22x108 mm, and therefore all standard drills can be used. The rock drill can be connected to a HYCON powerpack or excavators or the like.

Maximum recommended drilling performance is Ø45 mm and approx. 3 m deep. Depending on the circumstances, the rock drill can reach a drilling speed of $3\frac{1}{2}$ - 10 cm per minute.

The HYCON Tools

The hydraulic system is completed by the series of HYCON professional tools. They are compact and lightweight tools - all with extremely high performance! The tool line is thoroughly tested as a result of a number of customer demands, focussing on key words like profitability and ultimate reliability.

HYCON HRS400 PREMIUM Ring S	aw	HYCON HCS Cut-off Saw	HCS14 Premium	HCS16 Premium	HCS18 Premium	HCS20 Premium
Weight w/o blade, kg	10.2	Disc size	14"/ø350 mm	16″/ø400 mm	18"/ø450 mm	20″/ø500 mm
Diamond blade, mm	400	Oil flow, l.p.m.	20-30	20-40	20-40	30-40
Cutting depth, mm	300	Working pressure, bar	120	120	120	120
Oil flow, l.p.m	30-40	Max. pressure, bar	172	172	172	172
Working pressure, max bar	160	Weight w/o hose/disc, kg	7.4	7.8	8.1	9.2
Vibration level (3 axis) m/s ²	2.5	Cutting depth, mm (¹	137	162	187	212
Noise level 1 m L _{PA} dB	109	Noise level L _{PA} dB	105	97	99	99
Cutting speed, m/s	37-49	Noise level L _{wA} dB	116	108	110	110
Rotation r.p.m.	1750-2350	Vibration level, m/s	< 2.5	< 2.5	< 2.5	< 2.5

HYCON HFD Oil Flow Divider		
Pressure relief valve		
(power source), bar	Max. 240	
Oil flow in (power source), l.p.m.	Max. 80	
Pressure relief valve, bar	160	
Oil flow out, l.p.m.	20, 30 or 40	
The oil flow is regulated by interchangeable		
nozzles. Standard is 20 l.p.m.		

	HYCON HRD20 Rock D	Prill
	Weight, kg	20
	Oil flow, l.p.m	25-30
	Working pressure, bar	115
5	Max. pressure, bar	150
	Tool chuck size, mm he	x 22x108
	Rotation	Counterclockwise
	Air supply	max. 0.08 m³/min. / 2 bar
	Noise level 1 m L _{PA} dB	95
	Noise level L _{wa} dB	107
	Vibration level, m/s ²	23.6

HYCON Core Drill	
Oil flow, l.p.m.	20
Working pressure, bar	100
Max. pressure, bar	170
Weight, kg	7.6
r.p.m./drilling diameter	
HCD25-100	1500/ø25-ø100 mm
HCD50-200	600/ø50-ø350 mm
Core bits	Standard 1¼" UNC
Noise level L _{PA} dB	
HCD25-100	84
HCD50-200	80
Vibration level, m/s ²	< 2.5

HWP2 oil flow, l.p.m.	20-30
HWP3 oil flow, l.p.m.	20-30
HWP4 oil flow, l.p.m.	20-40
Max. pressure HWP2/3/4, bar	172
HWP2 weight, kg	7.7
HWP3 weight, kg	11
HWP4 weight, kg	26.7
HWP2 capacity/hour	46 m ³
HWP3 capacity/hour	80 m ³
HWP4 capacity/hour	204 m ³

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HYCON Post Driver	
Weight post driver, kg	28.2
Oil flow, l.p.m	20-30
Working pressure, bar	100
Max. pressure relief valve, bar	160
Vibration level (3 axis) m/s ²	9.4
Noise level 1 m L _{PA} dB	96
Adaptors:	
Square, mm	65 x 65
Round, mm	Ø60 + Ø80
Other sizes/profiles	On request
Remote valve	Yes

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Hydraulic Powerpack I	HPP18V FLEX - Petrol	
Oil flow, l.p.m.	1x20-30-40	
Max. pressure, bar	160	1
Engine	Vanguard 18 HP petrol	
POR/adjustable	Adjustable	
Starter	Recoil and electric	
Weight, kg	105	
Noise level 1 m L _{PA} dB	89	51
Noise level L _{wa} dB	101	
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Hydraulic Powerpack HPP26D - Diesel		
Oil flow, l.p.m.	1x20-40 l.p.m.	
Max. pressure, bar	160	
Engine	Lombardini 26 HP diesel	
POR/adjustable	Adjustable	
Starter	Electric	
Weight, kg	220	
Noise level	n/a	
Only for sale outside EU		

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Hydraulic Powerpac	ck HPP06 - Petrol	Hydraulic Powerpac	k HPP09 - Petrol		Hydraulic Powerpack HPP	13 FLEX - Petrol
Oil flow, l.p.m.	1x20	Oil flow, l.p.m.	1x20		Oil flow, l.p.m.	1x20-30
Max. pressure, bar	110	Max. pressure, bar	150		Max. pressure, bar	150
Engine	Honda 6.5 HP petrol	Engine	Honda 9 HP petrol		Engine	Honda 13 HP petrol
POR/adjustable	Adjustable	POR/adjustable	POR		POR/adjustable	Adjustable
Starter	Recoil	Starter	Recoil		Starter	Recoil
Weight, kg	54	Weight, kg	68	1	Weight, kg	81
Noise level 1 m L _{PA} dB	3 88	Noise level 1 m L _{PA} dB	88		Noise level 1 m L _{PA} dB	89
Noise level L _{wa} dB	100	Noise level L _{wA} dB	100	100	Noise level L _{wa} dB	101
				3.		
Hydraulic Powerpac	ck HPP18VMF - Petrol	Hydraulic Powerpac	k HPP27VMF - Petrol		Hydraulic Powerpack HPP	13D FLEX - Diesel
Oil flow, l.p.m.	1x10-15-20-30-40	Oil flow, l.p.m.	1x15-20-30-40-60		Oil flow, l.p.m.	1x20-30
	2x10-15-20		2x15-20-30	- 15	Max. pressure, bar	150
Max. pressure, bar	160	Max. pressure, bar	160	194	Engine Lor	nbardini 11 HP diesel
Engine	Vanguard 18 HP petrol	Engine	Vanguard 27 HP petrol		POR/adjustable	Adjustable
POR/adjustable	Adjustable	POR/adjustable	Adjustable	20	Starter	Recoil and electric
Starter	Recoil and electric	Starter	Electric		Weight, kg	114
Weight, kg	112	Weight, kg	170		Noise level 1 m L _{PA} dB (20 l.p	.m.) 93
Noise level 1 m L _{PA} dB	3 89	Noise level	n/a	1	Noise level L _{wa} dB (20 l.p.m.)	105
Noise level L _{wa} dB	101	Only for sale outside El	J	100	Only for sale outside EU	
a feet	C Sta					a series
Hydraulic Powerpac	ck HPP09E - Electric	Hydraulic Powerpac	k HPP18E - Electric		Hydraulic Powerpack HPP	18E FLEX - Electric
Oil flow, l.p.m.	1x20	Oil flow, l.p.m.	1x30 or 1x40	2010	Oil flow, l.p.m.	1x20-30-40
Max. pressure, bar	150	Max. pressure, bar	160		Max. pressure, bar	160
Motor	5.5 kW 16A/3x400V 50 Hz	Motor 11 kW 25A (3	0 lpm), 35A (40 lpm)/3x400V 50 Hz	X CON	Motor 11 k	W 35A/3x400V 50 Hz
POR/adjustable	-	POR/adjustable	-	1	POR/adjustable	Adjustable
Starter	Electric	Starter	Electric	2	Starter	Electric
Weight, kg	80	Weight, kg	128		Weight, kg	128
Noise level 1 m L _{PA} dB	3 85	Noise level 1 m L _{PA} dB	86	1.00	Noise level 1 m L _{PA} dB	86
Noise level L _{wa} dB	97	Noise level L _{wa} dB	98		Noise level L _{wa} dB	98
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Hydraulic Breaker HH20 22 Weight, kg 1.20 M Oil flow, l.p.m. 20 Working pressure, bar 110 Max. pressure, bar 160 Blow frequency, 1/min. 1560 1912-01 Noise level 1 m L_{PA} dB 94 Noise level L_{wa} dB 106 Vibration level (3 axis) m/s² 6.8 Tool size, mm hex 25x108

Hydraulic Breaker HH25	20/30 l.p.m.
Weight, kg	25.3/25.8
Oil flow, l.p.m.	20/30
Working pressure, bar	120/120
Max. pressure, bar	160/160
Blow frequency, 1/min.	1380/1380
Noise level 1 m L _{PA} dB	96/96
Noise level L _{wa} dB	108/108
Vibration level (3 axis) m/s ²	9.4/9.4
Tool size, mm hex	28/32

	Hydraulic Breaker HH10RV	
2.5.5	Weight, kg	9.9
	Oil flow, I.p.m	20
1	Working pressure, bar	100
	Max. pressure, bar	160
-	Blow frequency, 1/min.	2100
	Noise level 1 m L _{PA} dB	93
	Noise level L _{wa} dB	105
	Vibration level (3 axis) m/s ²	9.6
212	Tool size, mm hex	19x50
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Hydraulic Breaker HH20RV	
Weight, kg	23.9
Oil flow, I.p.m.	20
Working pressure, bar	110
Max. pressure, bar	160
Blow frequency, 1/min.	1560
Noise level 1 m L _{PA} dB	94
Noise level L _{wa} dB	106
Vibration level (3 axis) m/s ²	4.8
Tool size, mm hex	32x160

Hydraulic Breaker HH27	30 l.p.m.
Weight, kg	27.4
Oil flow, l.p.m.	30
Working pressure, bar	130
Max. pressure, bar	160
Blow frequency, 1/min.	1260
Noise level 1 m L _{PA} dB	98
Noise level L _{wa} dB	110
Vibration level (3 axis) m/s ²	10.7
Tool size, mm hex	28/32

Hydraulic Breaker HH15	
Weight, kg	16.8
Oil flow, l.p.m	20
Working pressure, bar	100
Max. pressure, bar	160
Blow frequency, 1/min.	1830
Noise level 1 m L _{PA} dB	93
Noise level L _{wa} dB	105
Vibration level (3 axis) m/s ²	6.6
Tool size, mm hex	22x82
	State State

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Hydraulic Breaker HH23	20/30 l.p.m.
Weight, kg	23.4/23.5
Oil flow, l.p.m.	20/30
Working pressure, bar	120/120
Max. pressure, bar	160/160
Blow frequency, 1/min.	1380/1380
Noise level 1 m L _{PA} dB	96/96
Noise level L _{wa} dB	108/108
Vibration level (3 axis) m/s ²	8.0/8.0
Tool size, mm hex	25x108/25x108

Hydraulic Breaker HH35	30/40 l.p.m.
Weight, kg	29.4
Oil flow, l.p.m.	30-40
Working pressure, bar	130
Max. pressure, bar	160
Blow frequency, 1/min.	1100-1440
Noise level 1 m L _{PA} dB	99
Noise level L _{wa} dB	111
Vibration level (3 axis) m/s ²	10.7
Tool size, mm hex	28/32



"Quality is never an accident - it is always the result of intelligent effort..."

HYCON has a clear defined strategy on our quality.

We want to be the leading manufacturer of the highest quality products in the market. It is our objective to reach zero failures and we are very close to reaching that objective. Customers today are very demanding in terms of high quality and it is our aim to fulfil their expectations.

We have set up a system where we have described procedures of all our actions throughout the entire production chain from selecting raw materials to the final control of each individual product. We manufacture through suppliers, but they are all supplying according to our specifications. It means we are in complete control of the manufactured quality.

All products undergo thorough end control testing according to firm control procedures and all test results are stored in a database. It is a watertight quality control system and it is working!



HYCON TestCenter

HYCON TestCenter



HYDRAULIC POWERPACS HHP LIGHT & HEAVY DUTY BREAKERS HH RING SAW HRS 400 PREMIUM CUT-OFF SAWS HCS PREMIUM CORE DRILLS HCD SUBMERSIBLE PUMPS HWP

HYCON offers you handheld hydraulic demolition tools with high focus on operator comfort and safety, which along with fuel savings up to 85% bring contractors high profit. Common features of our products are unique quality, superior strength and extreme durability with zero maintenance.

Our customers are contractors, utilities, municipalities, railways, demolition, rental, army and rescueteams, cutting and drilling, renovation, groundwater lowering, pumping and many more - all over the world.

DISTRIBUTOR



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