



Represented by:



Hycon UK Sales
and Service Agents

- the choice of
professionals...

★★★★★
**BEST
CHOICE
FOR**
CONTRACTORS



HPP18E 40LPM



- in high quality Hydraulic Machinery!



CORE DRILL MOTORS



HANDSAWS



RINGSAWS



BREAKERS



POWERPACK

ONE POWER SOURCE
- MULTIPLE CHOICE...

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

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 hand-held, 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

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

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



The performance of the core drill motors allows for drilling of holes up to $\varnothing 350$ mm in all materials - also with reinforcement. Therefore it is only necessary to invest in ONE core drill motor 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 motors 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.

Recommended Rig Mounted above 82 Ø.

Plumbing



Drains



Electricians



Renovation



Advantages:

- Freehand drilling - No rig required
- Small and compact/low weight - Drills everywhere
- Drills up to $\varnothing 350$ 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



Champions in depth...

HCS20 PREMIUM

WEIGHT 9.2 KG
CUTTING DEPTH:

212mm

HCS18 PREMIUM

WEIGHT 8.1 KG
CUTTING DEPTH:

187mm

HCS16 PREMIUM

WEIGHT 7.8 KG
CUTTING DEPTH:

162mm

HCS14 PREMIUM

WEIGHT 7.4 KG
CUTTING DEPTH:

137mm



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 strength, high performance and zero maintenance..!



HYCON Ring Saw: The ultimate cut..!

HRS400 PREMIUM
WEIGHT 10.2 KG
CUTTING DEPTH:

300mm

With a cutting depth of 300 mm this unique tool gives you the best cutting-economy, 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

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





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/s^2 (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 HH10RV

LIGHT WEIGHT
POWER BREAKER

Weight 9.9 kg · Oil flow lpm 20

Tool size, mm hex 19x50



HYCON HH20RV

MEDIUM WEIGHT
ALLROUND BREAKER

Weight 23.9 · Oil flow lpm 20

Tool size, mm hex 32x160





Tough tools for tough jobs...

HYCON has supplied tools for:

Removal of a foundation under water in rivers

Cutting pipes on 120 m depth at oil rigs in

the North Sea - HYCON tools were the only

ones able to do the job..!

Maintenance, demolition and new construction

in harbours all over the world

Rescue jobs all over the world

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..!



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...

Challenge your habits...





The Power Source

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..!

HYCON HPP18VMF

PETROL

VANGUARD 18 HP PETROL

Oil flow lpm 1x10-15-20-30-40

Oil flow lpm 2x10-15-20

2xTOOL



HYCON HPP18V FLEX

PETROL

VANGUARD 18 HP PETROL

Oil flow lpm 1x20-30-40



HYCON HPP18E

ELECTRIC

11kW 25A (30 lpm),
35A (40 lpm) / 3x400V 50 Hz

Oil flow lpm 1x30 or 1x40



HYCON HPP18E FLEX

ELECTRIC

13,2 kW 25A / 3x400V/480V 50 Hz/60Hz

Oil flow lpm 1x20-30-40-(46*)

*) Only for sale outside EU



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 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

HYCON HRS400 PREMIUM Ring Saw	
Weight w/o blade, kg	10.2
Diamond blade, mm	400
Cutting depth, mm	300
Oil flow, l.p.m	30-40
Working pressure, max bar	160
Vibration level (3 axis) m/s ²	2.5
Noise level 1 m L _{PA} dB	109
Cutting speed, m/s	37-49
Rotation r.p.m.	1750-2350

HYCON HCS Cut-off Saw	HCS14 Premium	HCS16 Premium	HCS18 Premium	HCS20 Premium
Disc size	14"/ø350 mm	16"/ø400 mm	18"/ø450 mm	20"/ø510 mm
Oil flow, l.p.m.	20-30	20-40	20-40	30-40
Working pressure, bar	120	120	120	120
Max. pressure, bar	172	172	172	172
Weight w/o hose/disc, kg	7.4	7.8	8.1	9.2
Cutting depth, mm ⁽¹⁾	137	162	187	212
Noise level L _{PA} dB	105	97	99	99
Noise level L _{WA} dB	116	108	110	110
Vibration level, m/s	< 2.5	< 2.5	< 2.5	< 2.5

Hydraulic Breaker HH10RV	
Weight, kg	9.9
Oil flow, l.p.m	20
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
Tool size, mm hex	19x50

Hydraulic Breaker HH20RV	
Weight, kg	23.9
Oil flow, l.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 Powerpack HPP18V FLEX - Petrol

Oil flow, l.p.m.	1x20-30-40
Max. pressure, bar	160
Engine	Vanguard 18 HP petrol
POR/adjustable	Adjustable
Starter	Recoil and electric
Weight, kg	105
Noise level 1 m L _{PA} dB	89
Noise level L _{WA} dB	101

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	

Hydraulic Powerpack HPP18VMF - Petrol

Oil flow, l.p.m.	1x10-15-20-30-40
	2x10-15-20
Max. pressure, bar	160
Engine	Vanguard 18 HP petrol
POR/adjustable	Adjustable
Starter	Recoil and electric
Weight, kg	112
Noise level 1 m L _{PA} dB	89
Noise level L _{WA} dB	101

Hydraulic Powerpack HPP09E - Electric

Oil flow, l.p.m.	1x20
Max. pressure, bar	150
Motor	5.5 kW 16A/3x400V 50 Hz
POR/adjustable	-
Starter	Electric
Weight, kg	80
Noise level 1 m L _{PA} dB	85
Noise level L _{WA} dB	97

Hydraulic Powerpack HPP09 - Petrol

Oil flow, l.p.m.	1x20
Max. pressure, bar	150
Engine	Honda 9 HP petrol
POR/adjustable	POR
Starter	Recoil
Weight, kg	68
Noise level 1 m L _{PA} dB	88
Noise level L _{WA} dB	100

Hydraulic Powerpack HPP27VMF - Petrol

Oil flow, l.p.m.	1x15-20-30-40-60
	2x15-20-30
Max. pressure, bar	160
Engine	Vanguard 27 HP petrol
POR/adjustable	Adjustable
Starter	Electric
Weight, kg	170
Noise level	n/a
Only for sale outside EU	

Hydraulic Powerpack HPP18E - Electric

Oil flow, l.p.m.	1x30 or 1x40
Max. pressure, bar	160
Motor	11 kW 25A (30 lpm), 35A (40 lpm)/3x400V 50 Hz
POR/adjustable	-
Starter	Electric
Weight, kg	128
Noise level 1 m L _{PA} dB	86
Noise level L _{WA} dB	98

Hydraulic Powerpack HPP13 FLEX - Petrol

Oil flow, l.p.m.	1x20-30
Max. pressure, bar	150
Engine	Honda 13 HP petrol
POR/adjustable	Adjustable
Starter	Recoil
Weight, kg	81
Noise level 1 m L _{PA} dB	89
Noise level L _{WA} dB	101

Hydraulic Powerpack HPP13D FLEX - Diesel

Oil flow, l.p.m.	1x20-30
Max. pressure, bar	150
Engine	Lombardini 11 HP diesel
POR/adjustable	Adjustable
Starter	Recoil and electric
Weight, kg	114
Noise level 1 m L _{PA} dB (20 l.p.m.)	93
Noise level L _{WA} dB (20 l.p.m.)	105
Only for sale outside EU	

Hydraulic Powerpack HPP18E FLEX - Electric

Oil flow, l.p.m.	1x20-30-40-(46*)
Max. pressure, bar	160
Motor	13,2kW 25A/3x400/480V 50/60Hz
POR/adjustable	Frequency converter
Starter	Electric
Weight, kg	128
Noise level 1 m L _{PA} dB	86
Noise level L _{WA} dB	98

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**"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!



CORE DRILL MOTORS

HANDSAWS

RINGSAWS

BREAKERS

CORE DRILLS HCD

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 rescue teams, cutting and drilling, renovation, groundwater lowering, pumping and many more - all over the world.

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