

# HCT 3

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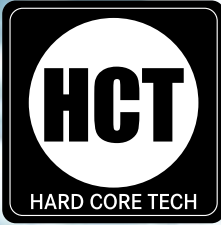
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**HCT – Hard Core Technology** – the new patented technology from MAGURA improves the feedback from your brake system. Originally designed for the race track the benefits are just as relevant for professional and hobby riders alike. The reduced internal friction will offer a connected feel which improves the performance of your brakes. The HCT hydraulic master utilises a slotted piston and a stationary primary piston seal and is approved for use with all hydraulic motorcycle braking systems with or without ABS. MAGURA HCT is the latest addition to our age old desire for improvements in comfort, safety and riding pleasure.



## HC<sup>3</sup> RADIAL MASTER CYLINDER

The next generation of radial master cylinders from MAGURA improves your brake and clutch control and closes the gap between amateur and professional riders. Incorporating the patented hard core technology from MAGURA the rider benefits from reduced internal friction in the master cylinder. This improves the feel at the lever on any hydraulic braking system and the technology is fully approved for all current motorcycle ABS systems. Machined from high grade aluminium alloy the HC<sup>3</sup> is the perfect addition to your motorcycle.

### FEATURES

- **Machined aluminium body** – this master cylinder body has been produced from high grade aluminium alloy to ensure a lightweight design combined with maximum rigidity which has been built to last.
- **90° Full Radial Design** – Pushrod and cylinder at right angle to handlebar results in decreased friction and more direct brake feeling for improved control.
- **MAGURA Hard Core Technology (HCT)** – The fully patented braking technology from MAGURA reduces the internal friction within the master cylinder to improve the feeling at the lever. The slotted piston technology reproduces a multi primary port master to ensure faster pressure balance in the event of an “ABS Kickback”.
- **Full ABS Compatibility** – MAGURA “HCT” is approved for continuous use with all ABS systems without loss of performance due to pressure compensation (ABS Kickback).
- **3 Way Lever Ratio** – The hand activated master cylinder lever has a clever 3 way adjustable point of support. This mimics the effect of using a piston size 1mm below and above the selected hydraulic ratio. Simply remove and reposition the lever support retaining bolt for a softer or harder pressure point.
- **Folding Lever Blade** – Reduces the force exerted on the master cylinder body in the event of a fall over. This will increase the possibility to continue riding following a fall over incident.
- **Advanced Secondary Seal Technology** – The rear piston seal has been specially designed to prevent the introduction of air through secondary seal ingress. The advanced X-Ring seal design will reduce or eliminate this problem common on racing motorcycles at higher RPM.
- **Reservoir Mount** – The master cylinder is supplied with an external reservoir and mounting bracket designed to use minimum space and with smoked glass to optically determine the level and condition of the brake fluid at all times.
- **Titanium Retaining Bolts** – The clamp and retaining bolts are high grade titanium saving weight while remaining strong and durable

# HP





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**FOR MORE INFORMATION  
[HC3.MAGURA.COM](http://HC3.MAGURA.COM)**



## BRAKE MASTER HC<sup>3</sup>

2100299 - B-Master HC 3 - Piston diameter 18 mm = 17 to 19 mm (fully ABE approved)

2100297 - B-Master HC 3 - Piston diameter 15 mm = 14 to 16 mm (fully ABE approved)

2100298 - B-Master HC 3 - Piston diameter 12 mm = 11 to 13 mm (Short Lever)

## CLUTCH MASTER HC<sup>3</sup>

2100300 - C-Master HC 3 - Piston diameter 15 mm = 14 to 16 mm (for brake fluid use - DOT)

2100301 - C-Master HC 3 - Piston diameter 12 mm = 11 to 13 mm (for mineral oil use\*)

\* Suitable for use with BMW and KTM mineral oil clutch activation systems  
Suitable for use with MAGURA Hymec applications

## DELIVERY INCLUDES

Each HC<sup>3</sup> master cylinder comes ready to install and delivery includes:

- 3 Way Lever Ratio (mimics  $\pm 1$  mm hydraulic ratio adjustment)
- Banjo Connector with sealing rings
- Remote Reservoir
- Standard Clamp (without mirror mount)
- Pre-Installed Switch (for brake or clutch activation)
- ABE (German TÜV Approval) for d15 and d18 brake master
- Manual and fitting instructions

## OPTIONAL EXTRAS *(must be ordered separately)*

- Short fold lever
- Mirror mount clamp
- Remote lever adjuster
- Double banjo connector for 2 brake lines
- Radial adapter for Hymec pressure line

# WE CARE ABOUT YOUR SAFETY

Brake, clutch, steering and throttle solutions from MAGURA represent 90 years of premium quality - Made in Germany. On the racetrack, street or off-road - improve your motorcycle control - use MAGURA Powersports products.

## FOR MORE INFORMATION HC3.MAGURA.COM

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