



# Hägglunds Quantum

## Beyond reason lies possibility

There's a daring space ahead. One that's been hidden in plain sight. One where all is familiar, but where wholly new properties are waiting to be discovered. A space created by the Hägglunds Quantum motor range.

Inside, smaller and lighter are also more powerful. Here, movement is accelerated, but endurance and lifetime are prolonged. Once you step into the Quantum domain, you'll never want to look back.

### **BEND THE LAWS OF SIZE, STRENGTH AND SPEED**

In mining, mobile applications and more, Hägglunds Quantum motors will reshape reality. Get ready to push the envelope in multiple directions.

Capabilities will be magnified. Obstacles will shrink along with footprint. As your power and agility increase, you'll surpass what you've come to expect – and come to defy expectations.



Within the Häggglunds Quantum range are two motors with shared DNA. Häggglunds Quantum is the new name for the Häggglunds CB, which has evolved so significantly over time that it can no longer be considered the same motor. Tweaks in design and materials have increased its efficiency and tripled its life expectancy, making it the ideal basis for a bold new step.

That step is the Häggglunds Quantum Power, which merges a slim new connection block with this reliable foundation. Through additional ports and innovative internal design, the block enables far higher speeds while retaining full torque capacity at high efficiency. Consequently, the Häggglunds Quantum Power can deliver high power with greater economy and sustainability than any previous solution.

		Quantum	Quantum Power
<b>Displacement</b>	cm <sup>3</sup> /rev	15 100 - 70 400	10 100 - 70 400
	in <sup>3</sup> /rev	920 - 4 290	616 - 4 290
<b>Specific torque</b>	Nm/bar	240 - 1 120	160 - 1 120
	lbf-ft/1000 psi	12 200 - 56 900	8 100 - 56 900
<b>Max. speed</b>	rpm	125	170
<b>Max. pressure</b>	bar	350	350
	psi	5000	5 000
<b>Max. torque</b>	kNm	79 - 370	53 - 370
	lbf-ft	57 000 - 270 000	39 000 - 270 000
<b>Max. operating power</b>	kW	1 000	2 568
	hp	1 300	3 444
<b>Weight (motor with splines)</b>	Kg	705 - 1 770	1 113 - 2 152
	lb	1 555 - 3 900	2454 - 4089
<b>Outer diameter</b>	mm	782 - 940	782 - 940
	in	30.79 - 37.01	30.79 - 37.01
<b>Total length (motor with splines)</b>	mm	612 - 898	620 - 1 023
	in	24.09 - 35.35	24.41 - 40.28



[www.hagglunds.com/quantum](http://www.hagglunds.com/quantum)

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Häggglunds is a brand of Rexroth

