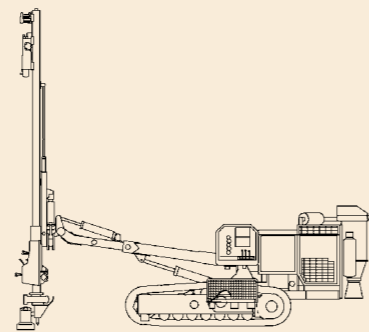
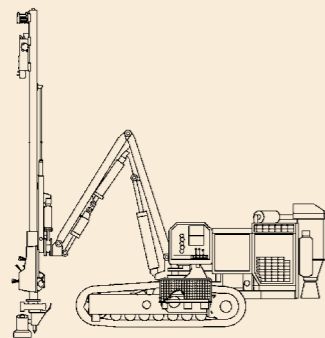


**The CHA Family
- a smarter way to do business.**

Models	Dino 560	CHA 560	CHA 700
Hole diameter	41-89 mm (1 5/8" - 3 1/2")	51-89 mm (2"-3 1/2")	64-102 mm (2 1/2"-4")
Drill steels	32, 38 mm (1 1/4", 1 1/2")	32, 38 mm (1 1/4", 1 1/2")	38, 45, 51 mm (1 1/2", 1 3/4", 2")
Transport dimensions			
Weight	11 000 kg (24 200 lbs)	12 000 kg (26 400 lbs)	13 500 kg (29 700 lbs)
Width	2.50 m (8 - 2")	2.50 m (8 - 2")	2.50 m (8 - 2")
Height	2.60 m (8 - 6")	2.65 m (8 - 8")	2.65 m (8 - 8")
Total length	10.40 m (34 - 1")	9.20 m (30 - 2")	9.20 m (30 - 2")
Hydraulic rock drill	HL 510 15.5 kW (20.8 hp)	HL 510 15.5 kW (20.8 hp)	HL 710 17.5 kW (23.5 hp)
Tramming speed	3.2 km/h (2 mph)	3.2 km/h (2 mph)	3.3 km/h (2.1 mph)
On-board compressor	5.5 m ³ /min/4 - 10 bar (195 cfm/ 58-145 psi)	5.5 m ³ /min /4 -10 bar (195 cfm/ 58-145 psi)	7.2 m ³ /min/ 4 - 10 bar (255 cfm/ 58-145 psi)
Dust collector	17 m ³ /min at 1000 mm H2O (600 cfm at 39 vacuum H2O)	17 m ³ /min at 1000 mm H2O (600 cfm at 39 vacuum H2O)	17 m ³ /min at 1000 mm H2O (600 cfm at 39 vacuum H2O)
Engine	CAT 3056 E 129 kW(173 hp)/ 2200 rpm	CAT 3056 E 129 kW(173 hp)/ 2200 rpm	CAT 3056 E 129 kW(173 hp)/ 2000 rpm



CHA Drilling Rigs. Tougher Than The Toughest Terrain.



TAMROCK

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TAMROCK

The CHA Family. Experience Counts.



Thoughtful design, robust construction

In civil engineering projects all over the world, Tamrock CHA drilling rigs are recognized as the industry standard - the drills that perform, no matter how tough the application. That's because we design our CHA rigs not only to exceed our customers' most rigorous demands in providing superior drilling performance,

but to be easy to operate and maintain, year after year. It's no wonder they've gained a reputation for being tougher than the toughest terrain.

Exceptional mobility gets you to and from the drilling site

Crawler-mounted CHA drilling rigs have the mobility to get you into the toughest spots, do their job effectively, and get you back out again. Their highly maneuverable chassis, fast, stable tramming, and quick rod handling capabilities let you minimize set-up times so you can spend more time drilling each shift. And their fast set-up on each hole you

drill means greater production efficiency. And more profitable drilling. Check out the powerful, efficient family of CHA drilling rigs from Sandvik Tamrock. When it comes to performance and reliability in their class, nothing else comes close.



Proven and tested where it counts – on the job

The CHA family's robust structure employs heavy-duty components, specially selected for performance and longevity in the most demanding drilling operations - and proven on hundreds of jobsites from the arctic to the equator. We've added new engine technology that improves both drilling power and fuel economy. Our intuitive controls have been further enhanced for smoother response to varying rock formations, making drilling easier and increasing drilling tool lifetime. And it all helps you operate more profitably.

CHA rigs beat the rock hands down, every time

When you need to drill fast and accurately, CHA rigs put the power to the rock. Tamrock HL 510

and HL 710 rock drills can chew through the toughest rock in record time - and do it all day long, week after week, month after month. Their unique piston geometry makes it easier to use optimal tools for a given hole size. So you get precise, loadable holes every time. And because good penetration and straight drilling are heavily dependent on efficient hole flushing, CHA rigs are designed with powerful, onboard compressors that keep holes clear of cuttings.

