



CH 600

NEXT GENERATION

MultiDocker®
+

ENGINE OUTPUT:	232 kW
WEIGHT:	45-47 mt
REACH:	15,9-17,9 m

CH600



FRONT END

Designed for heavy duty applications and extreme longevity. Offered in two lengths, both available with straight stick or a drop nose version

WORK TOOLS

MultiDock offers a variety of work tools. The quick release coupling facilitates convenient change of tools.

MultiDock[®]
+



CAB

The MultiDocker cab raiser design is extremely robust and stable. The new cab interior is equipped with top of the line functions and features, including a new seat, a large touch screen with integrated functions, new joysticks and improved ergonomics.

ENGINE AND HYDRAULICS

The CH600 is based on the CAT336 Next Gen. The new C9.3 engine features 232 kW (315 hp), piston displacement of 9.3 liters and a 600 liters fuel tank. The new hydraulic system features larger pumps that allows productivity to be maintained while engine RPM is reduced and independent electronic pump control.

UP TO 35%
lower fuel consumption

AND 50%
less NOx emission

UNDERCARRIAGE

The undercarriage is dimensioned for real heavy-duty operation. The 70 ton axels guarantee a long life-time, and it can be delivered with pneumatic tires in different dimensions and solid tires. The CH600 can also be configured with a track high & wide lower. The design also allows the machine to easily be folded and transported on road.

TECHNICAL DATA

Base information

Base machine (Caterpillar)	CAT 336 Next Gen
Weight (mt)	45-47 mt
Maximum reach (m)	17,9
Boom lengths (m)	9,9/10,9
Stick lengths (m)	6,5/7,6

Engine (diesel)

Model	CAT C9.3B
Net power	232 kW / 315 hp
Bore (mm)	115
Stroke (mm)	149
Piston displacement (l)	9,3
Electric system	24V
Emission standards	Stage 4/Tier 4 Final

Hydraulic system

Max. flow, working pumps (l/min)	558
Max. flow, swing pump (l/min)	279
Max. pressure, main circuit (kPa)	38 000
Max. swing (kPa)	29 400

Volumes

Fuel tank (l)	600
Cooling system (l)	40
Swing drive – drive (l) (each)	18
Hydraulic system incl. tank (l)	373
Hydraulic tank (l)	153
AdBlue tank (l)	60

Undercarriage

	4-point stabilizers 700 mm x 700 mm	
	Kessler 70 ton axles	
<i>Wheeled</i>	16.00-25 Tires	Crawler tracks
	Four wheel drive	<i>High & Wide</i> 600-800mm wide triple grouser shoes
	Hydraulic braking and parking brake	4,5 km/h maximum speed
	11 km/h maximum speed	

Standard equipment

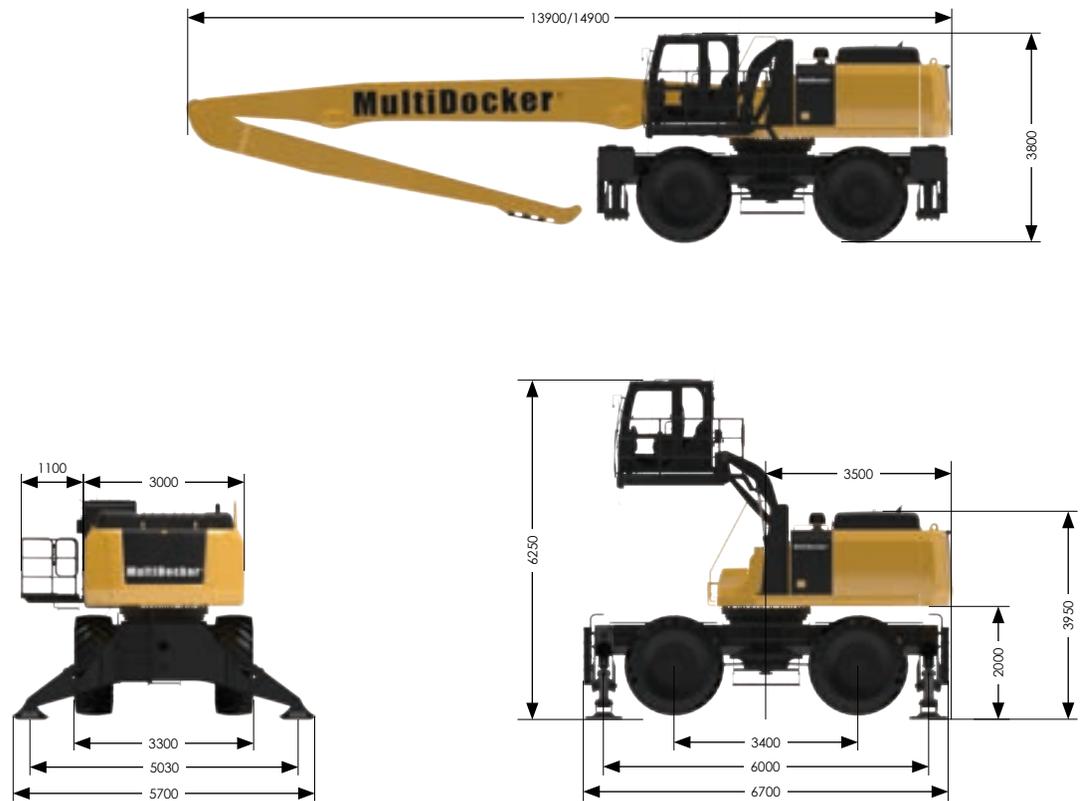
- Cabin Elevator Industrial 2300
- Central lubrication of front end
- Climate control
- FM Radio
- Front guard
- Heavy duty pipe protection
- Overload protection system
- Pressurised cabin
- Seat with air suspension
- SLCV and BLCV
- Sunshade for windshield
- Working lights

Optional equipment

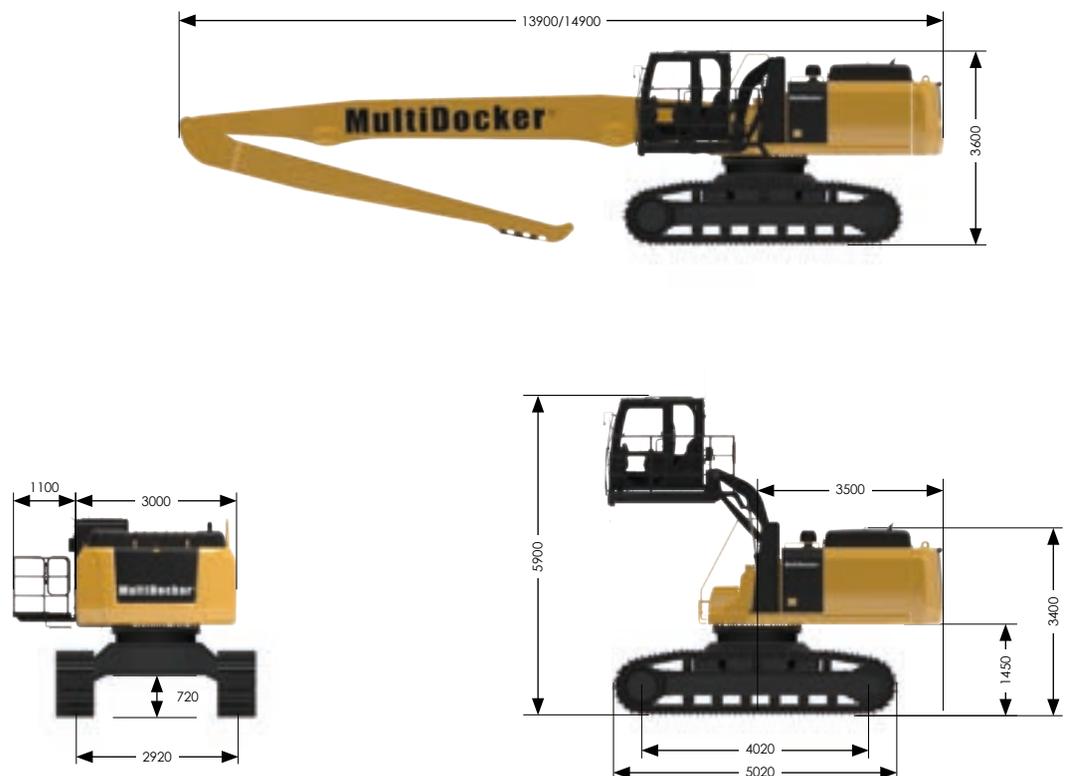
- Bio degradable hydraulic oil
- Cabin Elevator Industrial 2700
- Cold weather starting aid (230V)
- Custom Color
- Custom sized supporting plates
- Drop nose
- Fire suppression system
- Generator for scrap magnet
- OTR wheels 23,5" wide (*Wheeled only*)
- Solid rubber wheels 18,5" wide (*Wheeled only*)
- Product Link
- Quick release coupling
- Stick camera
- Top guard
- Towing package

DIMENSIONS

WHEELED



HIGH & WIDE



SAFETY

OVERLOAD PROTECTION SYSTEM

The machines lifting capacity values have been calculated in compliance with ISO 10567:2007.

The capacities do not exceed 87% of the Hydraulic capability and 75% of the tipping load with the machine on a firm and level ground. In the case of an overload situation the protection system will not allow the dipper arm stick to move outwards therefore preventing an overload in the boom cylinders and uncontrolled lowering of the arm.

CABIN SAFETY SYSTEM

The machine is equipped with frontguard for protection from penetrating objects, top guard is also available as an option for protection from falling objects. The machine can be delivered with bullet proof safety glass as an option.

TRAVEL SAFETY

To ensure safe travel the machine is equipped with seat belt and acoustic alarm when travelling. It also has a rearview camera and a side view camera connected to the multi-information display in the cab for maximum overview of the surroundings.

BLCV AND SLCV (BOOM AND STICK LOWERING CONTROL VALVES)

The boom and stick cylinders are equipped with hose rupture valves and the SmartBoom feature is standard.

WORK TOOLS

MULTIDOCKER OFFERS A WIDE VARIETY OF WORK TOOLS IN MANY DIFFERENT SIZES



LOG GRAPPLES



SCRAP MAGNETS



QUICK RELEASE COUPLING



CLAMSHELL BUCKETS



ORANGE PEEL GRAPPLES

PRODUCT SUPPORT

+ PURCHASE

Consider the financing options available as well as day to day operating costs. This is also the time to look at dealer services that can be included in cost of the machine to yield lower equipment owning and operating costs in the long run.

+ 24/7/365 SERVICE

Repair option programs guarantees the costs of repairs up front. Diagnostic programs help you avoid unscheduled repairs.

+ 24/7/365 SPARE PARTS

You will find nearly all parts at your local dealer parts counter. Cat dealer utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can save money with Cat remanufactured components.

+ OPERATION

Improving operating techniques can boost your profits. Your Cat dealer and MultiDocker have videotapes, literature and other ideas to help you increase the productivity, and offers operator training classes to help maximize the return on your investment.

+ CUSTOMER SUPPORT AGREEMENT

Cat dealers offer a variety of product support agreements, and work with customers to develop a plan to meet specific needs. These plans can cover the entire machine, including attachments, to help protect the customer's investment.

+ CAT EQUIPMENT PROTECTION

Plans Your original Cat® warranty provides months of worry-free operation, but your machines are designed for years of productivity. Fortunately, the cost of unexpected repairs can be controlled—with a Cat Equipment Protection Plan.

+ S.O.S

By enrolling in the S•O•S Services Program, a routine oil sampling interval can be established to build-up a trend of data over time. That trend allows you to compare sample history and more easily identify deviations from the normal trend. This consequently adds value to the data interpretation process with more meaningful recommendations and recommended actions.

+ CATERPILLAR PRODUCT LINK

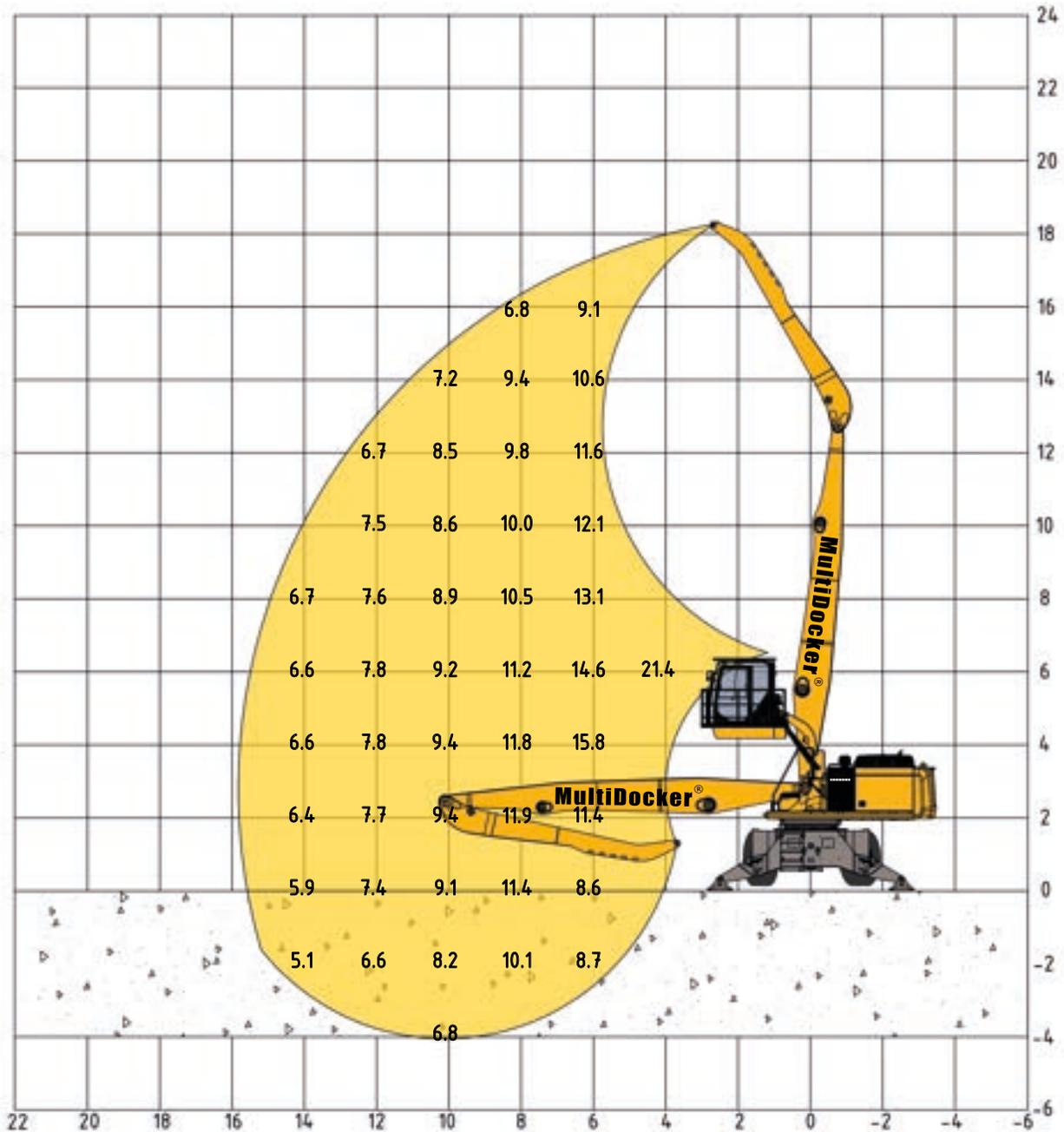
Product Link is a satellite based system that up load important information about your MultiDocker on the internet. This gives you the possibility to control and evaluate the performance of your machine. It is also an important link between your MultiDocker and your service provider, your local Caterpillar dealer.

+ SERVICEABILITY

The Next Gen machines offer greatly improved serviceability compared to its predecessors. Routine maintenance points like grease fittings, fuel and oil filters, and fluid taps are conveniently grouped and safely reached behind wide service doors from wide, slip-resistant catwalks. A fuel tank drain cock also simplifies evacuating water and sediment to protect the fuel system, and an integrated fuel level indicator reduces the prospect of overfilling.

LIFTING CAPACITY

REACH 15,9 METERS, CEI, WHEELED

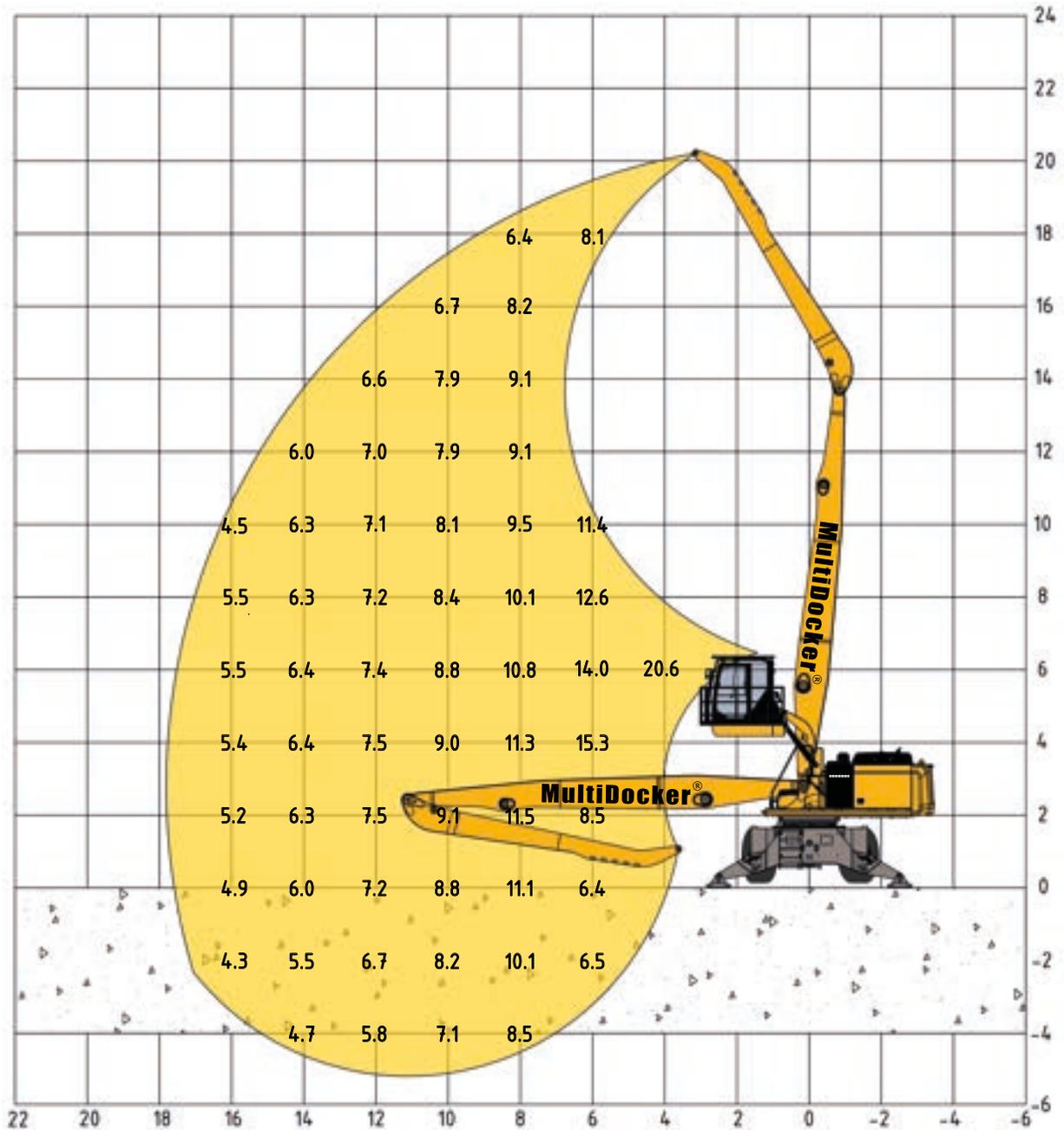


Eye Level CEI 2300: 6,0 meters
 Eye Level CEI 2700: 6,4 meters

Lifting capacity table, unit tonne = 1.000 kg
 The lifting capacities are measured at 360° in the stick end-joint. The above values have been calculated in compliance with ISO 10567:2007. They do not exceed 87% of the hydraulic lifting capacity or 75% of the tipping load, with the machine on firm, level ground.

LIFTING CAPACITY

REACH 17,9 METERS, CEI, WHEELED

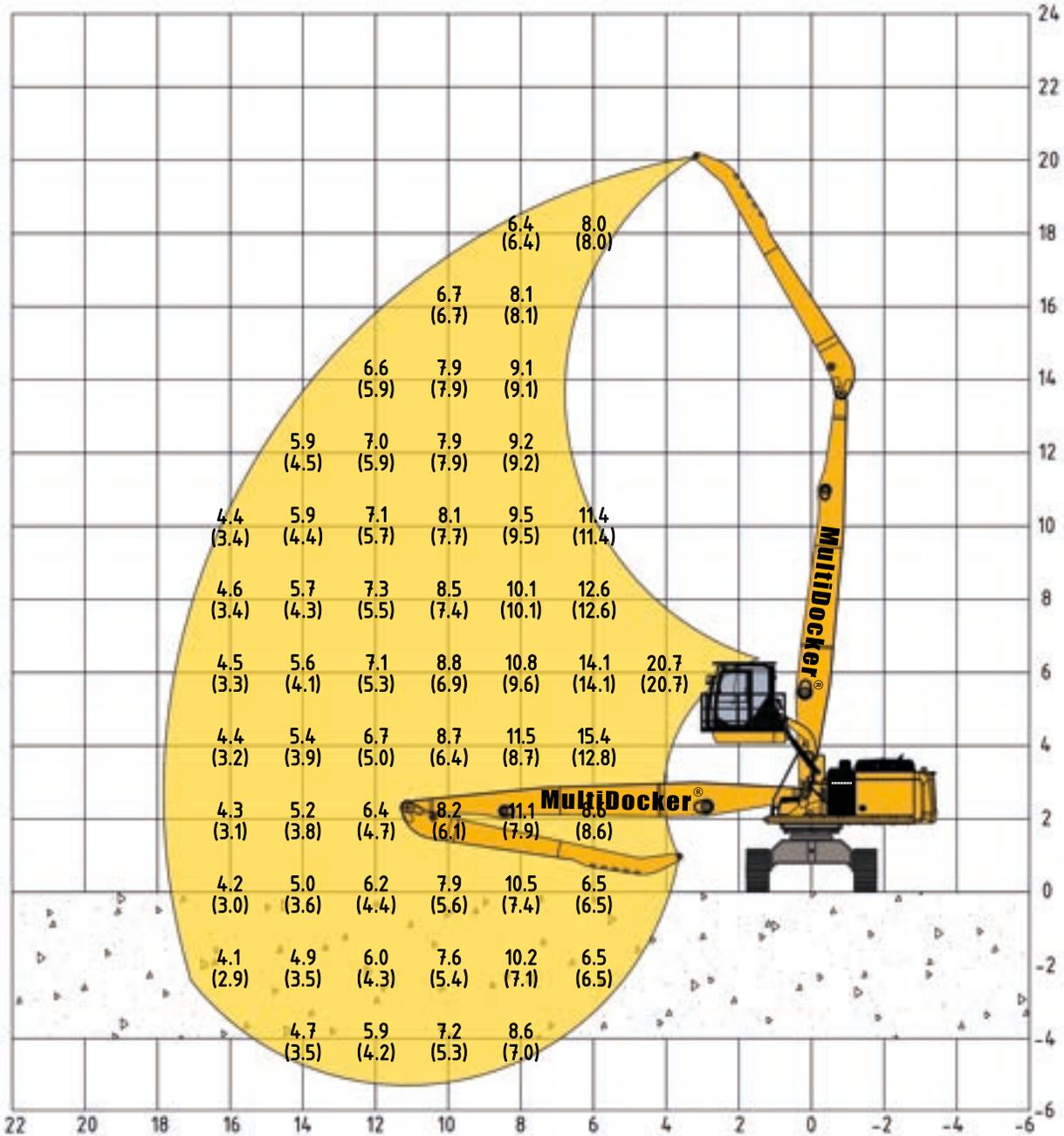


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LIFTING CAPACITY

REACH 17,9 METERS, CEI, HIGH & WIDE



Eye Level CEI 2300: 6,0 meters
 Eye Level CEI 2700: 6,4 meters

Lifting capacity table, unit tonne = 1.000 kg

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Values within brackets () shows when the machine is lifting across tracks



GETS THE JOB DONE!

We didn't invent the MultiDocker and start the company to make money. We invented the MultiDocker to do a job, for us. Because we were dock-operators ourselves, we knew just what's needed. We sat down and said to ourselves: if we could invent exactly the right machines to do the jobs we need, what would it look like? How would it work?

And with a long process of experimentation, we devised the MultiDocker CH - a machine that's mostly standard, tried- and-tested, ultra-reliable Caterpillar components. We wanted high efficiency, fast performance, faultless reliability, high machine availability and a long Low-cost working life. So we built it, and it worked. Over the years we have developed the products Further and increased our portfolio and our number of partners. Today we are proud to offer world leading products and services to customers in many industries all over the world.

WELCOME TO CONTACT US or visit our website www.multidocker.com for more information!

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