

SEE EVERY CUT. REACH FARTHER. LIFT MORE.

CX105E 2-PIECE BOOM

PRELIMINARY SPEC SHEET



Operating Weight	9.8 t
Max. Power	73 hp
Max height below forks	6.55 m
Max Lift Capacity	6.7t

CASE
CONSTRUCTION



UNMATCHED PRODUCTIVITY AND IDEAL FOR ROTOTILT

Experience unparalleled performance with industry-leading capabilities, including unmatched visibility, an exceptional reach of up to 7.59 meters, and **superior lift capacity of up to 6,7t, that will please tilt rotator users.**

An optional pump, fully dedicated to AUX1, can be added to ensure a constant flow to the attachment while traveling and moving the arm. This feature is particularly beneficial for mulchers and mowing buckets.

WORKING ENVIRONMENT 5.0

- Step into a next-generation operator experience. Enjoy a premium seat and intuitive controls, featuring a 7" color display and jog shuttle for precise engine speed and auto-idle management.
- Equipped with E.O.C. the world's most advanced hydraulic system in its class you can fine-tune and store detailed attachment settings, a major advantage for demolition professionals using multiple tools.
- Additional smart features like an electric fuel pump, auto-stop function, powerful LED lighting, and more make every workday smoother, safer, and more efficient.

CERTIFIED SAFETY

Choose confidence with a fully O.E.M. CE-certified machine engineered to meet the highest safety standards. Unlike locally modified alternatives, our certification ensures compliance and protects you from liability in the event of an accident.

LOW GROUND PRESSURE

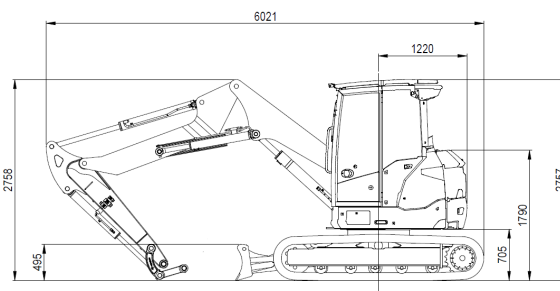
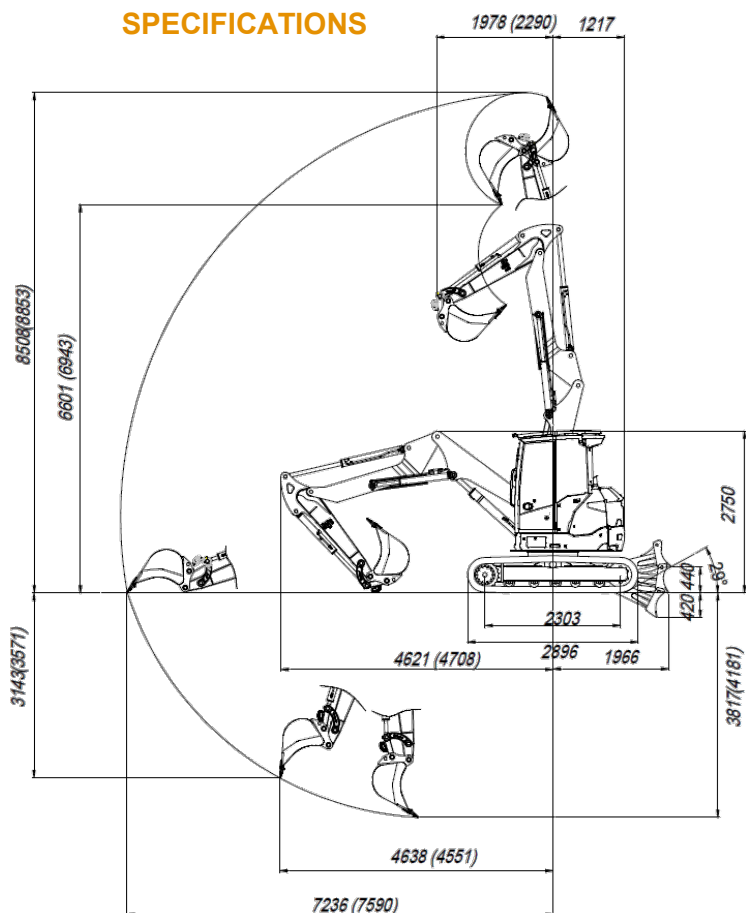
Tailor made tracks solutions are available for working on soils that require low ground pressure.

YOUR EVERYDAY WORK DESERVES HIGH-PERFORMANCE MULTIFUNCTIONAL GRIPS

Experience unparalleled precision with these grips, designed for intuitive control of AUX1, AUX2, and AUX3—each finger operating independently for seamless, simultaneous command. They offer advanced features like swing control, adjustable travel speed, travel mode, blade control, and flow memory. without ever having to lift your hand, ensuring effortless operation and unmatched efficiency.



SPECIFICATIONS



ENGINE

4-cylinder, 3.3-litre Yanmar Stage 5. Liquid-cooled.
Maximum power @2100 rpm 73 hp / 54 kW

HYDRAULICS

eOC (electronic Open Center) system by Bosch Rexroth
1 electronic variable displacement pump + 1 gear pump
Pumps 100 + 14 cm³
Flow rate 192 + 27 lpm
Maximum pressure 290 bar
AUX 1 single/double action 100lpm, 200 bar
AUX 2 double effect 70-90lpm, 290 bar
AUX 3 double effect (opt) 50-50lpm, 250 bar
AUX1 Mulcher Provision (opt)
"Constant Flow" additional pump 62 lpm, 200 bar

PERFORMANCES

Max travel speed (2 automatic speeds) 2,6 - 5,2 km/h
Rotational speed 9,5 rpm
Rimpull Force 7.960 daN
Breakout force force (bucket) 6.300 daN
Breakout force force (arm) 4.350 (3.850) daN

DIMENSIONS

Width 2,32 m
Height with FOPS level 2 guard 2,76m
Rear radius 1,22 m
Arm length: standard (long) 1,76 m (2,10 m)
Tracks width 0,45 m
Number of rollers on each side 5+1

CAPACITIES

Diesel 105 l
Hydraulic Oil 85 l
Hydraulic system 135 l
Cooling system 23 l
Engine Oil 10 l

OPERATING WEIGHT

with 450mm rubber tracks 9,8 t
with 450 mm steel tracks 10,2 t
with 600 mm steel tracks 10,4 t
with 800 mm steel tracks 10,6 t
Internal special counterweight, standard 440 kg / +0 cm
Additional external counterweight, optional +900 kg / +12 cm

SUPERIOR LIFTING CAPACITY

Methodology:

- Distance measured from the machine's center of rotation
- The lifting capacity, measured using a standard cab and counterweight according to ISO 10567, does not exceed 75% of the tilting static load or 87% of the hydraulic lifting capacity
- Without attachments



with 440 kg internal extra counterweight
(standard)

Height (H)	Arm Position	Distance					
		2m	3 m	4 m	5 m	6 m	Max
@ ground	Over front, blade down	6,7 t	4,1 t	2,7 t	2,2 t	1,7 t	1,4 t
	Over front, blade up	6,7 t	3,7 t	2,2 t	1,6 t	1,3 t	1,2 t
	Over side	5,7 t	2,7 t	1,7 t	1,3 t	1,0 t	0,9 t
@ 1,0 m	Over front, blade down	6,5 t	4,0 t	3,0 t	2,4 t	1,9 t	1,6 t
	Over front, blade up	6,5 t	3,9 t	2,3 t	1,7 t	1,3 t	1,2 t
	Over side	6,0 t	2,9 t	1,8 t	1,3 t	1,0 t	0,9 t

with 440 kg internal counterweight
(standard)
+ 810 kg external counterweight (optional)

	Distance					
	2m	3 m	4 m	5 m	6 m	Max
6,7 t	4,1 t	2,7 t	2,2 t	1,7 t	1,4 t	
6,7 t	4,1 t	2,7 t	2,0 t	1,6 t	1,4 t	
6,7 t	3,4 t	2,1 t	1,6 t	1,3 t	1,2 t	
6,5 t	4,0 t	3,0 t	2,4 t	1,9 t	1,6 t	
6,5 t	4,0 t	2,8 t	2,1 t	1,6 t	1,4 t	
6,5 t	3,6 t	2,2 t	1,6 t	1,3 t	1,2 t	



DESIGNED, PRODUCED AND CERTIFIED BY CASE IN EUROPE

Our Special Applications team based in Italy customizes machines for specific needs, including military and beyond. We offer CE-certified vehicles, safe and compliant, unlike some local modifications that are not always recertified. By choosing CASE, a CNH brand, you are supporting the European economy and thousands of jobs.



NEED TO CONTACT US?
specialapplications@cnh.com

NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

