



CASE
CONSTRUCTION

Polimer Gaz
Conducte

EXCAVATOR PE ROȚI

WX 140E







MOBILITATE DE NECONTESTAT

Noile excavatoare pe roți CASE au fost create pe baza ideii de mobilitate, astfel încât să puteți acoperi o suprafață mai mare și să efectuați mai multe lucrări mai repede și mai ușor ca niciodată. Acestea se deplasează cu o viteză de până la 40 km/h, fără a necesita camioane sau remorci. Acestea sunt special concepute pentru companii de construcții de drumuri, structuri guvernamentale, servicii comunale, echipe de demonstrație și toți cei care doresc să beneficieze de avantajele productivității maxime, deplasării rapide și economiei de costuri pe care le oferă un excavator pe roți pe șantier.

POTENȚIAL ȘI INDIVIDUALITATE

Excavatoarele pe roți CASE sunt echipate cu un motor puternic de 170 CP. Acestea nu au sistem de recirculare a gazelor de eșapament (EGR) și efectuează curățarea sistemului de post-epurare automat, fără intervenția operatorului și fără a afecta productivitatea mașinii. Aveți la dispoziție trei moduri de putere prestabilite, plus un mod personalizabil, pentru a obține performanța dorită.

CONFORTUL OPERATORULUI - BAZA SUCCESULUI

Punem confortul operatorului pe primul loc. Aruncați o privire în interiorul cabinei și veți observa că excavatorul este spațios în interior, cu o suprafață mare pentru o vizibilitate maximă. Scaunul cu spătar înalt, suspensie pneumatică și încălzire, comenzi ergonomice la îndemână cu numeroase funcții, ecran tactil de 8 inci și ecran separat pentru camerele de vizualizare. Pentru siguranță suplimentară, este disponibilă opțional o cheie de contact inteligentă cu buton de pornire a motorului. Iar funcția standard de frânare automată sporește încrederea operatorului și economisește timp la pornire și oprire. Excavatorul pe pneuri CASE WX140E este proiectat și construit astfel încât să își mențină funcționalitatea și stabilitatea chiar și pe terenuri cu relief înclinat cu pantă 20-28 grade.

-Ax frontal oscilant și suspensie pneuri adaptiva.

-Tracțiune integrală 4x4 cu control hidraulic .

-Stabilizatoare frontale și spate; Sistem de operare cu centru de greutate redus.



CARACTERISTICI

MOTOR

Model	Cummins B4.5 / Stage V
Tip	Diesel, răcit cu apă, 4 cilindri, în linie, sistem Common Rail de înaltă presiune, turbocompresor cu răcire cu aer răcire a intercoolerului
Putere	129 kW la 2200 rpm
Cuplu	780 Hm la 1500 o6/min

SISTEM HIDRAULIC

Pompă	Axial-piston, cu presiune variabilă
Debit	260 l/min la 1800 o6/min
Presiune în circuite:	
Braț/mâner/cupă	37,3 mPa
Rotire 6 trepte	26,5 mPa
Contur de mișcare	37,3 mPa
Contur de control	3,4 mPa

ROTIREA TURREI

Motor rotativ	Motor radial cu piston cu volum fix Viteza maximă de rotație 9,3 (pe minut)
Cuplu	36.200 Hm
Sistem de frânare	Automat, hidraulic cu arc

SISTEM ELECTRIC

Tensiune	24 V
Alternator	95 A
Starter	24 V - 4,8 kW
Baterie	2 x 12 V / 100 Ah

SISTEM DE COMANDĂ

Tip	Sistem de direcție Orbitrol
Rază minimă de virare	6,3 m



OCl

Tip	Tracțiune integrală cu diferențial, axă față oscilantă cu blocare automată a6o controlată oscilații, punte spate fixă
Frâne de roată	Multidisc, umede
Frână de parcare	Multidisc, umede, integrate în transmisie

PARTEA MOBILĂ

Transmisie	Comutator hidrostatic cu 2 viteze
Motor de deplasare	Motor axial-piston cu viteză variabilă
Viteză maximă de deplasare	35 km/h
Viteză mică de deplasare	10 km/h
Viteza de deplasare la turație minimă	3 km/h
Capacitate de trecere	70 % (35)

NIVELUL DE ZGOMOT

Nivelul zgomotului exterior	99 dB(A)
Nivelul de zgomot în cabină	72 dB(A)

REZERVOR DE COMBUSTIBIL

Rezervor de combustibil	250 l
Sistem hidraulic	204 l
Rezervor hidraulic	122 l
AdBlue 6 acc	48 l

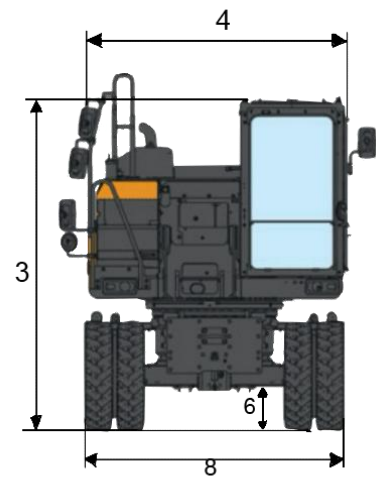
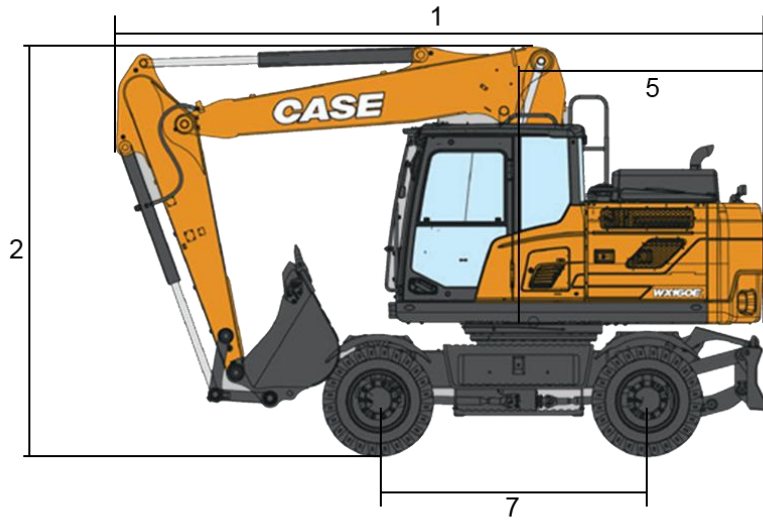
DIMENSIUNI SI MASĂ

Lungime de transport	8180 mm
Înălțime de transport	2970 mm
Înălțime la sol	3230 mm
Lățime la bază	2485 mm
5Raza de bracaj (partea din spate)	2250 mm
Garda la sol	370 mm
Baza roții	2600



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Lățimea roților

2530

Max. lungime braț

8820 mm

Adâncime maximă de săpare

5610

Înălțime maximă de descărcare

9010 mm

Rază minimă de rotire (pe braț)

3170 mm

Greutate

18800 kg

Greutatea este calculată cu braț standard de 2,45 m, cupă de 0,7 m³, anvelope duble 10,00x20, contragreutate standard, operator și toate rezervoarele de alimentare.

Wheeled Excavators E-SERIES

WX140E | WX155E SR | WX160E
WX175E SR | WX210E



CASE
CONSTRUCTION



E-XPAND,
E-NHANCE,
E-XCEL.

INTRODUCING THE E-SERIES

The new E-Series Wheeled Excavators complete the CASE product range, offering invaluable benefits in terms of versatility, performance, efficiency and serviceability.

Whether you're looking to expand your business's arsenal or enhance the services you offer, these new models are the ideal tool: designed with both owners and operators in mind, E-Series machines excel at delivering phenomenal power coupled with the finest controllability, unrivalled safety and comfort, superior ease-of-use and uptime to tackle any job, anytime, anywhere.

WHY IS THE E-SERIES SO EFFECTIVE?

DISCOVER ALL
THE FEATURES



RELIABILITY AND PERFORMANCE AT YOUR DISPOSAL

Tackling practical necessities with smart solutions, E-Series Wheeled Excavators combine a multitude of valuable tools and functionality. With a focus on versatility, and featuring numerous customisable solutions, these innovative machines effortlessly adapt to your every need.

Cummins Stage V complaint engine, without EGR and compatible with synthetic fuels for increased fuel efficiency.

Eco gauge and Eco reports for maximum control over fuel consumption.

Heavy Duty, Standard and Eco power modes, plus customisable user mode for tailoring settings to the operator's every need.

Storage for 20 hydraulic tool configurations in the display for extra flexibility.

8" touchscreen main monitor with additional safety camera display for enhanced visibility.

Electronically controlled reversible fan for improved cooling efficiency.

Ergonomic proportional control joysticks with manual front axle lock and power boost for ease of use.



EXPAND YOUR BUSINESS WITH CASE WHEELED EXCAVATORS.

IT'S EASY LIKE COUNTING UP TO SIX!

WATCH THE FULL WALKAROUND



1

DOWN-TO-EARTH RELIABILITY AND EFFICIENCY

Bosch Rexroth advanced flow sharing (LUDV) hydraulics (Kawasaki electric positive flow control on WX210E);
Eco mode, gauge and reports;
Compatible with biodiesel up to B20 plus HVO, GTL, CTL and BTL, as well as Panolin bio oil option.

2

EXCEPTIONAL VERSATILITY AND FLEXIBILITY

Three power modes plus customisable mode;
Ability to store attachment types and names in the display;
Broad choice of undercarriage configurations.

3

ALL-AROUND COMFORT AND CONTROLLABILITY

Joystick with proportional controls and optional joystick steering;
Auto digging brake option;
Ride control and boom flotation option;
Telescopic steering wheel.

4

VISIBILITY OF THE HIGHEST ORDER

8" touchscreen monitor plus secondary camera display;
Rear camera with right-hand mirror view and optional 360° CASE Maximum View Monitor with human recognition;
Parallel windscreen wiper.

5

DESIGNED WITH SAFETY IN MIND

FOPS level 2 head protection;
Rear radar detection;
Optional swing lock feature.

6

EFFECTIVE, EFFICIENT MAINTENANCE

No EGR, reducing ATS complexity;
Standard cooling reversible fan [n.a. on WX210E];
Cyclonic self-cleaning pre-filter option;
1,000 hours service intervals for fuel filters.

CLEANER, GREENER POWER.

SUSTAINABILITY CHANGES THE WORLD

Each and every component contributes to creating a high-performing machine that can be operated according to your own needs and preferences, delivering maximum output when required or striving for fuel efficiency to improve running costs.



ECO FUNCTIONALITY

Achieve fuel savings with the help of the Eco fuelower mode, Eco gauge and regular Eco reports.



FOUR POWER MODES

Heavy Duty, Standard and Eco modes available, along with a customisable User mode.



CUMMINS ENGINE

Provides a reliable and efficient solution for meeting Stage V standards.



PANOLIN BIO-DEGRADABLE OIL

An eco-friendly oil alternative that still ensures excellent performance and longevity.

CLARITY AND PRECISION IN EVERY AREA.

LISTEN TO OUR
CUSTOMERS' VOICE



THE ULTIMATE TECHNOLOGY IN THE CAB

With all-around comfort and controllability, and visibility of the highest order, E-Series Wheeled Excavators improve satisfaction, however tough the job. For instance, the pneumatic-suspension high-back Grammer seat with heating function enhances comfort whatever the weather.

TWO MONITORS

8" touchscreen main monitor with additional secondary display, ensuring the camera view is always on screen.

TELESCOPIC STEERING WHEEL

Provides easier adjustability and increased comfort when getting in and out of the cab.

AUTOMATIC DIGGING BRAKE

Keeps the machine stationary while working and moving regularly without the need for continual effort.

JOYSTICK STEERING

Improves comfort for driving the machine around the job site without getting the hands off of the joysticks.



PROTECTION THAT INSPIRES CONFIDENCE.

SAFETY AND MAINTENANCE

Designed with safety and serviceability in mind, you can keep your E-Series Wheeled Excavators running with ease while putting your safety first. For instance, the reinforced cab structure is ROPS and FOPS compliant, with standard FOPS level 2 head protection.

ALARMS

The travel alarm improves safety when the machine is moving, while the overload alarm helps when handling loads.

REAR RADAR DETECTION

Available on conventional tail-swing models and works within a 10x10 metres area.

SERVICE INTERVALS

Recommended every 1,000 hours for the fuel filters and every 800 hours for the engine oil and oil filter.

REVERSIBLE FAN

An electronically controlled fan for improved radiator cleaning and cooling efficiency.



MAINTAIN TOP PERFORMANCE.

OUTSTANDING AFTER SALES SERVICES

Keep your equipment performing at its best and protect your investment's value with the extensive offering of high-quality CASE Parts.

Genuine Parts HIGH PERFORMANCE

Optimize your performance and add value to your machine with high-quality genuine parts.

Attachments BUSINESS SOLUTIONS

Add versatility to performance with CASE attachments designed for CASE machines and tested by CASE engineers.

FLEETPRO

Ensure your machine's performance beyond warranty and manage your budget with CASE's quality second-line range of parts.

Reman Parts REMANUFACTURED

Choose sustainable quality with remanufactured parts designed for CASE equipment of all ages.

CASE **ServiceSolutions**

Enjoy the peace of mind of knowing CASE Service Solutions will keep your equipment in top condition with maximum uptime, no unexpected costs, and help you optimize your profitability.



CASE CARE

Maximize your machine's uptime and efficiency with this planned maintenance program.



CASE PROTECT

Avoid unexpected costs with this extended warranty program.



CASE FLUID ANALYSIS

Ensure your machine's uptime with detailed fluid reporting.



myCASEConstruction

Puts the power of centralized fleet management in your hands - through a single, easy-to-use portal and mobile app.



CASE SITECONNECT

Connects your Dealer to your machine for remote support.



STANDARD AND OPTIONS

STANDARD EQUIPMENT

ENGINE

Cummins B4.5, 4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine Stage V [B6.7 engine on WX210E]
 Selective Catalytic Reduction (SCR)
 Diesel Particulate Filter (DPF)
 Diesel Oxidation Catalyst (DOC)
 EGR-free
 Wastegate turbocharger
 Electronic fuel injection
 High pressure common rail system
 Auto engine preheat
 Emergency stop switch
 Remote oil filter
 Dual-stage air filtration
 Fuel cooler
 800-hour engine oil and filter change interval
 1,000-hour fuel filters change interval
 24-volt system
 Battery disconnect switch
 Cooler with removable dust net
 Fuel filter + fuel prefilter with water accumulation indicator
 Electric refueling pump
 Reversible cooling fan electronically controlled [n.a. on WX210E]
 Cruise control

FUEL ECONOMY SYSTEMS

Eco mode
 Auto idle
 One-touch idle
 Idle shutdown
 Eco gauge
 Eco reports

HYDRAULICS

Auto or manual power boost
 2-speed 4-wheel drive hydrostatic transmission
 Auto travel speed change
 Creep speed
 3 selectable power modes with additional user selection mode
 3 selectable work operation modes
 Intelligent Power Control modes [WX210E]

OPTIONAL EQUIPMENT

ENGINE

Engine pre-filter self-cleaning cyclonic type

HYDRAULICS

Clamshell circuit
 Low-flow circuit, proportional control
 Fine swing control
 Swing lock control
 Joystick steering control
 Automatic digging brake
 Ride control with boom flotation [n.a. on WX210E]
 Travel speed limiter (20 km/h) [n.a. on WX210E]
 Panolin bio oil
 ISO/SAE pattern control change valve

UPPERSTRUCTURE

Heavier counterweight [only WX140E Mono / WX160E Mono / WX210E Mono]

Lifting mode [WX210E]

Customizable boom/arm speed [WX210E]
 Overload warning device
 Boom and arm safety valves
 ISO pattern controls
 Pre-set auxiliary pump settings
 Switch controlled auxiliary selection
 Auxiliary valve
 Multifunction (hammer/shears) high flow circuit with electrical proportional control
 FNR control switch
 Automatic swing brake
 Auto safety lock
 Oil cooler
 5,000-hour hydraulic oil change interval
 2,000-hour hydraulic tank suction strainer change interval
 Hydraulic quick coupler provision
 Hydraulic fluid supply port with air breather

UPPERSTRUCTURE

ISO mirrors
 Handrail - RH access
 ISO guard rails
 Cab suspension with silencer blocks
 Lifting eyes for counterweight
 Lockable fuel cap, service doors and toolbox
 Rear view safety camera

OPERATOR STATION

RH rear mirror camera
 ROPS protection
 FOPS guard OPG level 2
 Tempered safety glass with laminated windshield
 Sun visor
 A/C, heating and defrosting with automatic control
 Telescopic steering wheel
 Cup holder & sunglasses case
 Adjustable air suspension tiltable and heated seat
 Tilttable joystick console
 Seat belt with fasten detection
 Adjustable armrests
 USB radio with MP3 player and hands-free

Customized paint job

OPERATOR STATION

Front cab guard - vertical bars (OPG level 2) including 2 extra cab front lights
 CASE Maximum View Monitor - 360° view with four cameras enabling pedestrian recognition and warning
 Rear radar detection [WX140E / WX160E / WX210E]
 Smart key
 Cab roof LED beacon

ATTACHMENTS

Arm 2.00 m / 2.60 m [n.a. on WX210E] or 2.40 m / 2.92 m [WX210E]
 Arm 3.10 m [only WX140E Mono / WX160E Mono]

Bluetooth kit

Multifunction touchscreen color monitor (8") with Android mirroring
 Secondary camera display
 16 selectable languages for monitor
 Jog dial
 Anti-theft system (start code system)
 Split type floor mat
 12-volt and 24-volt electric sockets
 6 LED work lights (2 cab roof, 1 LH boom, 1 RH boom, 1 cab rear, 1 rear camera)
 Parallel double windshield wiper
 Hot & cool box, document holder & luggage space

ATTACHMENTS

Mono boom 4.6 m [WX140E / WX155E SR], 5.0 m [WX160E / WX175E SR] or 5.7 m [WX210E]
 2-piece boom 4.7 m [WX140E / WX155E SR], 5.1 m [WX160E / WX175E SR] or 5.4 m [WX210E]
 Arm 2.45 m [n.a. on WX210E] or 2.70 m [WX210E]
 Attachment types and names storable in the display
 Selectable activation type (push, proportional, detent)

UNDERCARRIAGE

Front oscillating and rear rigid heavy duty axles
 Front axle cylinders safety valves
 Tube twin tires with stone ring 9.00-20 PR 14 [WX140E] or 10.00-20 [PR 14 on WX140E, PR 16 on WX155E SR / WX160E / WX175E SR / WX210E]
 Rear blade
 Lashing points
 LH side toolbox
 Wheel chocks

TELEMATICS

7 years myCASEConstruction subscription with remote monitoring

UNDERCARRIAGE

Wide axles [WX160E / WX17E SR / WX210E]
 Solid twin tires 9.00-20 [WX140E] or 10.00-20 [excluding WX140E]
 Plastic fenders steerable on front axles [n.a. on WX210E]
 Trailer hitch preparation [n.a. on WX210E]
 Steel fenders
 Rear stabilizers [n.a. on WX210E]
 Rear blade with front stabilizers
 Front blade with rear stabilizers
 Front and rear blade
 Front and rear stabilizers
 Rear blade or stabilizers can include also front bucket rest [excluding WX140E] or grab bucket rest [standard on WX210E]
 RH side toolbox [n.a. on WX210E]

SPEC SHEET



DEEP DIVE INTO THE
FULL SPECS

		WX140E	WX160E	WX155E SR	WX175E SR	WX210E
OPERATING WEIGHT (REAR BLADE)						
Mono Boom	kg	14900	17580	16870	Model n.a.	21180
2PB	kg	15860	18390	17170	18820	22510
ENGINE						
Emission		Stage V				
Model		Cummins B4.5				Cummins B6.7
Number of Cylinders		4	4	4	4	6
Net Power	kW	127	127	127	127	127
Max. Torque	Nm	780	780	780	780	881
HYDRAULICS						
System		Load Independent Flow Sharing (LUDV)				Open Center (EPFC)
Max. Pressure	MPa	37.3	37.3	37.3	37.3	37.3
Max. Flow	l/min	230	260	260	260	2 x 208
DIMENSIONS						
Tail Swing Radius	mm	2170	2250	1800	1830	2740
Wheel Base	mm	2600	2600	2600	2600	2800
CAPACITIES						
Fuel Tank	liter	250	250	200	200	310
AdBlue Tank	liter	48	48	48	48	48
Hydraulic System	liter	204	204	187	187	340
LIFTING CAPACITY (2PB, STD ARM)						
Front (Blade Up, 6m Reach, Ground Level)	kg	3590	4390	3990	4310	6270
Side (Blade Up, 6m Reach, Ground Level)	kg	1980	2480	2180	2350	4170
DIGGING FORCE						
Bucket - Normal	kN	103	115	103	115	151
Bucket - Power Boost	kN	112	125	112	125	164
Arm (STD) - Normal	kN	66	77	66	70	114
Arm (STD) - Power Boost	kN	72	84	72	77	124
SWING						
Speed	rpm	9.5	9.5	9.5	9.5	10.7
Torque	kNm	31.6	36.2	39.1	39.1	63.2
TRAVEL						
Speed - 1 st	km/h	10	10	10	10	10
Speed - 2 nd	km/h	40	35	35	35	38
Drawbar Pull	kN	80	103	91	103	119
NOISE						
External	dB(A)	96	99	100	100	96
Internal	dB(A)	71	72	71	71	68

Standard and optional equipment shown can vary by country.



BUILDING ON OUR HERITAGE.

Since 1842, at CASE Construction Equipment we have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

The vast CASE dealers' network is always ready to support and protect your investment.

At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

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UNITED KINGDOM

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

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Check in advance with your Mobile Operator if you will be charged. Toll free number not available from all calling areas.



CASE
CONSTRUCTION

E SERIES WHEELED EXCAVATORS



WX140E | WX160E

SPECIFICATIONS

WX140E

ENGINE

Model _____ Cummins B4.5
Type _____ Water-cooled, 4-cycle diesel, 4-cylinder in line,
High pressure common rail system (electric control),
turbocharger with air cooled intercooler, DOC+DPF+SCR,
EGR free.
Emissions _____ Stage V
Number of cylinders / Displacement (l) _____ 4 / 4.5
Bore and stroke (mm) _____ 107 x 124
Rated flywheel horse power
ISO 9249 (kW) _____ 127 at 2200 min⁻¹ (rpm)
ISO 14396 (kW) _____ 129 at 2200 min⁻¹ (rpm)
Maximum torque
ISO 14396 (Nm) _____ 780 at 1500 min⁻¹ (rpm)

HYDRAULIC SYSTEM

Main pump _____ Variable displacement piston pump
Max. oil flow (l/min) _____ 230 at 1600 min⁻¹
Working circuit pressure
Boom/Arm/Bucket (MPa) _____ 34.3 - 37.3 with auto power boost
Swing circuit (MPa) _____ 26.5
Travel circuit (MPa) _____ 37.3
Pilot circuit (MPa) _____ 3.9
Boom cylinders
Bore (mm) _____ 105
Stroke (mm) _____ 1105
Boom positioning (2 piece boom only)
Bore (mm) _____ 145
Stroke (mm) _____ 634
Arm cylinder
Bore (mm) _____ 115
Stroke (mm) _____ 1138
Bucket cylinder
Bore (mm) _____ 100
Stroke (mm) _____ 850

SWING

Swing motor _____ Fixed displacement radial piston motor
Maximum swing speed (min⁻¹) _____ 9.5
Swing torque (kNm) _____ 31.6
Brake system _____ Automatic, spring applied
hydraulic released

ELECTRICAL SYSTEM

Voltage (V) _____ 24
Alternator (Amp) _____ 95
Starter (V - kW) _____ 24 - 4.8
Battery _____ 2 X 12 V 100 Ah

STEERING

Type _____ Orbitrol steering system
Minimum turning radius (m) _____ 6.3

AXLES

Type _____ 4 wheel drive with differential, oscillating front axle
with automatic or operator controlled oscillation lock,
fixed rear axle
Brake type _____ Wet multi-disc
Parking brake type _____ Wet multi-disc integrated
in transmission

UNDERCARRIAGE

Transmission _____ 2 speed hydrostatic powershift
Travel motor _____ Variable displacement bent-axis axial
piston motor
High travel speed (Automatic travel speed shifting) (km/h) _____ 40
Low travel speed (km/h) _____ 10
Creep speed (km/h) _____ 3
Drawbar pull (kN) _____ 80
Gradeability _____ 58% (30°)

NOISE

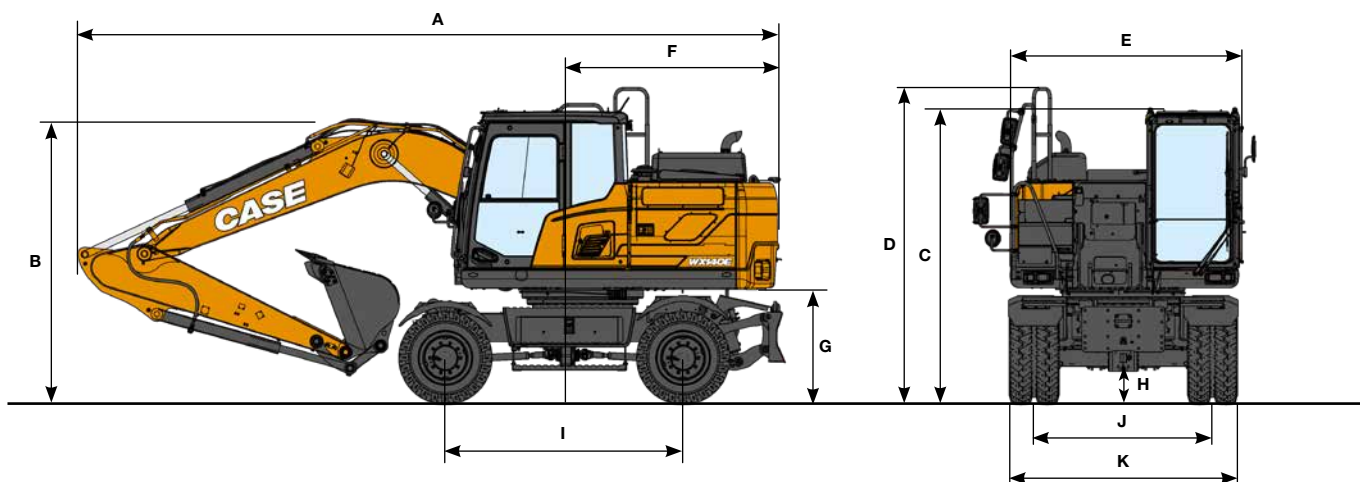
External guaranteed sound level
(EU Directive 2000/14/EC) _____ LwA 96 dB(A)
Operator cab sound pressure level (ISO 6396) _____ LpA 71 dB(A)

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (l) _____ 250
Hydraulic system (l) _____ 204
Hydraulic tank (l) _____ 122
AdBlue tank (l) _____ 48

DIMENSIONS

WX140E MONO



GENERAL DIMENSIONS		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
A Overall length (with attachment) (traveling/transportation)	mm	7560 / 7495	7740 / 7675	7470 / 7405	7365 / 7300
B Overall height (to top of boom) (traveling/transportation)	mm	3655 / 2930	3270 / 2720	3775 / 3050	3990 / 3420
C Cab height	mm	3255	3255	3255	3255
D Overall height (to top of handrail)	mm	3475	3475	3475	3475
E Upper structure overall width	mm	2485	2485	2485	2485
F Swing (rear end) radius	mm	2170	2170	2170	2170
G Clearance height under upper structure	mm	1260	1260	1260	1260
H Minimum ground clearance	mm	390	390	390	390
I Wheel base (center to center of wheels)	mm	2600	2600	2600	2600
J Tread	mm	1944	1944	1944	1944
K Undercarriage overall width	mm	2530	2530	2530	2530

WEIGHT

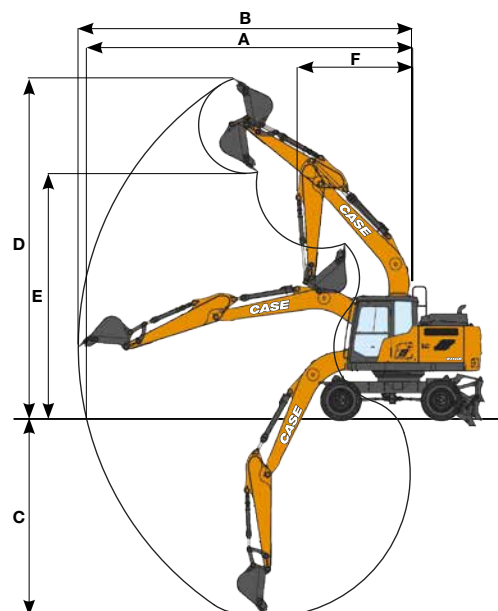
With 2.45 m arm, 0.58 m³ bucket, 10.00×20 twin tires, standard counterweight, operator, lubricant, coolant, full fuel tank.

MONO	WEIGHT
Rear blade	14900 kg
Front blade and rear stabilizers	15830 kg

Std counterweight: 1700 kg
Heavy counterweight: 1700 kg + 500 kg

PERFORMANCE DATA		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
Boom length	mm	4600	4600	4600	4600
A Maximum reach at GRP	mm	8080	7640	8230	8700
B Maximum reach	mm	8310	7880	8450	8910
C Max. digging depth	mm	5110	4660	5260	5760
D Max. digging height	mm	8850	8540	8940	9210
E Max. dumping height	mm	6400	6100	6490	6760
F Min. swing radius	mm	2680	2670	2690	2720

DIGGING FORCE (ISO 6015)		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
Arm digging force	kN	66	78	64	57
with Auto power up	kN	72	85	69	62
Bucket digging force	kN	103	103	103	103
with Auto power up	kN	112	112	112	112












LIFTING CAPACITY

WX140E MONO

		REACH										
		1.5 m		3.0 m		4.5 m		6.0 m		At max reach		
Front	Side											m
REAR BLADE DOWN - Mono boom 4.6 m, arm 2.00 m, 1700 kg counterweight												
6.0 m						4420*	3670			3330*	2910	5.15
4.5 m						4790*	3570	3560	2240	3110*	2190	6.08
3.0 m						5500	3350	3490	2180	3050	1900	6.53
1.5 m						5250	3140	3400	2090	2940	1810	6.62
0 m				6510*	5520	5120	3020	3340	2040	3090	1890	6.34
-1.5 m	6490*	6490*		9460*	5580	5120	3020			3650	2230	5.66
-3.0 m				6990*	5760					4600*	3300	4.37
REAR BLADE UP - Mono boom 4.6 m, arm 2.00 m, 1700 kg counterweight												
6.0 m						4420*	3330			3330*	2640	5.15
4.5 m						4790*	3230	3560	2020	3110*	1970	6.08
3.0 m						5500	3010	3490	1960	3050	1710	6.53
1.5 m						5250	2810	3400	1880	2940	1620	6.62
0 m				6510*	4840	5120	2700	3340	1820	3090	1700	6.34
-1.5 m	6490*	6490*		9460*	4900	5120	2690			3650	1990	5.66
-3.0 m				6990*	5080					4600*	2950	4.37
REAR BLADE DOWN - Mono boom 4.6 m, arm 2.45 m, 1700 kg counterweight												
7.5 m										2890*	2890*	4.16
6.0 m						3880*	3740			2390*	2390*	5.70
4.5 m						4330*	3620	3590	2270	2250*	1940	6.55
3.0 m				7850*	6310	5330*	3390	3500	2180	2260*	1700	6.97
1.5 m				5690*	5650	5270	3150	3390	2080	2410*	1630	7.05
0 m				6760*	5460	5100	3000	3310	2010	2740*	1690	6.79
-1.5 m	5600*	5600*		9980*	5480	5060	2960	3300	2000	3190	1940	6.16
-3.0 m				7990*	5620	5160	3050			4400	2650	5.01
REAR BLADE UP - Mono boom 4.6 m, arm 2.45 m, 1700 kg counterweight												
7.5 m										2890*	2890*	4.16
6.0 m						3880*	3390			2390*	2250	5.70
4.5 m						4330*	3280	3590	2050	2250*	1750	6.55
3.0 m				7850*	5600	5330*	3050	3500	1970	2260*	1530	6.97
1.5 m				5690*	4970	5270	2810	3390	1860	2410*	1460	7.05
0 m				6760*	4790	5100	2670	3310	1790	2740*	1510	6.79
-1.5 m	5600*	5600*		9980*	4800	5060	2640	3300	1790	3190	1730	6.16
-3.0 m				7990*	4940	5160	2720			4400	2370	5.01
FRONT BLADE & REAR STABILIZERS DOWN - Mono boom 4.6 m, arm 2.45 m, 1700 kg counterweight												
7.5 m										2890*	2890*	4.16
6.0 m						3890*	3890*			2390*	2390*	5.70
4.5 m						4330*	4330*	3800*	3800*	2250*	2250*	6.55
3.0 m				7850*	7850*	5330*	5330*	4400*	3770	2270*	2270*	6.97
1.5 m				5690*	5690*	6370*	5680	4830*	3660	2410*	2410*	7.05
0 m				6760*	6760*	6900*	5510	5060*	3580	2740*	2740*	6.79
-1.5 m	5600*	5600*		9980*	9980*	6700*	5470	4720*	3580	3430*	3430*	6.16
-3.0 m				7990*	7990*	5350*	5350*			4460*	4460*	5.01
FRONT BLADE & REAR STABILIZERS UP - Mono boom 4.6 m, arm 2.45 m, 1700 kg counterweight												
7.5 m										2890*	2890*	4.16
6.0 m						3890*	3890*			2390*	2390*	5.70
4.5 m						4330*	4160	3690	2630	2250*	2250*	6.55
3.0 m				7850*	7370	5330*	3930	3590	2540	2270*	2000	6.97
1.5 m				5690*	5690*	5410	3680	3480	2440	2410*	1920	7.05
0 m				6760*	6490	5240	3530	3400	2360	2740*	1990	6.79
-1.5 m	5600*	5600*		9980*	6500	5200	3490	3400	2360	3280	2280	6.16
-3.0 m				7990*	6660	5290	3580			4460*	3100	5.01
REAR BLADE DOWN - Mono boom 4.6 m, arm 2.60 m, 1700 kg counterweight												
7.5 m										2660*	2660*	4.40
6.0 m										2230*	2230*	5.87
4.5 m						4180*	3650	3610	2280	2100*	1870	6.70
3.0 m				7510*	6380	5190*	3410	3510	2190	2110*	1650	7.12
1.5 m				6430*	5680	5280	3150	3390	2080	2250*	1580	7.19
0 m				6820*	5440	5090	2990	3300	2000	2540*	1630	6.94
-1.5 m	5360*	5360*		10110*	5440	5040	2950	3290	1990	3060	1860	6.33
-3.0 m	9520*	9520*		8270*	5580	5120	3020			4130	2490	5.21
REAR BLADE UP - Mono boom 4.6 m, arm 2.60 m, 1700 kg counterweight												
7.5 m										2660*	2660*	4.40
6.0 m										2230*	2140	5.87
4.5 m						4180*	3300	3610	2060	2100*	1690	6.70
3.0 m				7510*	5670	5190*	3070	3510	1970	2110*	1480	7.12
1.5 m				6430*	5000	5280	2820	3390	1870	2250*	1410	7.19
0 m				6820*	4770	5090	2660	3300	1790	2540*	1460	6.94
-1.5 m	5360*	5360*		10110*	4760	5040	2620	3290	1770	3060	1660	6.33
-3.0 m	9520*	9520*		8270*	4900	5120	2690			4130	2220	5.21

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

REACH													
Front Side	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max reach		m
													

REAR BLADE DOWN - Mono boom 4.6 m, arm 3.10 m, 1700 kg counterweight

7.5 m											2150*	2150*	5.13
6.0 m							2670*	2340			1860*	1860*	6.43
4.5 m							3310*	2310			1770*	1660	7.20
3.0 m			6350*	6350*	4690*	3470	3530	2210	2090*	1510	1790*	1480	7.58
1.5 m			9370*	5840	5330	3190	3400	2080	2400	1460	1900*	1410	7.65
0 m			7170*	5460	5100	2990	3290	1980			2120*	1450	7.42
-1.5 m	4710*	4710*	9570*	5380	5010	2910	3240	1940			2570*	1620	6.85
-3.0 m	7920*	7920*	9090*	5470	5040	2940					3430	2070	5.84

REAR BLADE UP - Mono boom 4.6 m, arm 3.10 m, 1700 kg counterweight

7.5 m											2150*	2150*	5.13
6.0 m							2670*	2120			1860*	1850	6.43
4.5 m							3310*	2090			1770*	1490	7.20
3.0 m			6350*	5900	4690*	3130	3530	1990	2090*	1350	1790*	1320	7.58
1.5 m			9370*	5150	5330	2860	3400	1870	2400	1310	1900*	1260	7.65
0 m			7170*	4780	5100	2660	3290	1770			2120*	1290	7.42
-1.5 m	4710*	4710*	9570*	4710	5010	2580	3240	1730			2570*	1440	6.85
-3.0 m	7920*	7920*	9090*	4790	5040	2610					3430	1840	5.84

REAR BLADE DOWN - Mono boom 4.6 m, arm 2.0 m, 2200 kg counterweight

7.5 m													
6.0 m					4420*	4000					3330*	3180	5.15
4.5 m					4790*	3890	3600*	2460			3110*	2410	6.08
3.0 m					5740*	3670	3780	2400			3140*	2100	6.53
1.5 m					5680	3460	3680	2320			3190	2010	6.62
0 m			6510*	6090	5550	3350	3620	2260			3350	2100	6.34
-1.5 m	6490*	6490*	9460*	6150	5540	3340					3960	2470	5.66
-3.0 m			6990*	6340							4600*	3630	4.37

REAR BLADE UP - Mono boom 4.6 m, arm 2.0 m, 2200 kg counterweight

7.5 m													
6.0 m					4420*	3630					3330*	2900	5.15
4.5 m					4790*	3540	3600*	2240			3110*	2190	6.08
3.0 m					5740*	3320	3780	2180			3140*	1900	6.53
1.5 m					5680	3110	3680	2090			3190	1820	6.62
0 m			6510*	5380	5550	3000	3620	2040			3350	1900	6.34
-1.5 m	6490*	6490*	9460*	5430	5540	3000					3960	2220	5.66
-3.0 m			6990*	5610							4600*	3270	4.37

REAR BLADE DOWN - Mono boom 4.6 m, arm 2.45 m, 2200 kg counterweight

7.5 m											2890*	2890*	4.16
6.0 m					3880*	3880*					2390*	2390*	5.70
4.5 m					4330*	3940	3790*	2490			2250*	2140	6.55
3.0 m			7850*	6880	5330*	3710	3790	2410			2260*	1890	6.97
1.5 m			5690*	5690*	5700	3470	3670	2300			2410*	1810	7.05
0 m			6760*	6030	5530	3320	3590	2230			2740*	1880	6.79
-1.5 m	5600*	5600*	9980*	6050	5490	3290	3590	2230			3430*	2150	6.16
-3.0 m			7990*	6200	5350*	3370					4450*	2930	5.01

REAR BLADE UP - Mono boom 4.6 m, arm 2.45 m, 2200 kg counterweight

7.5 m											2890*	2890*	4.16
6.0 m					3880*	3700					2390*	2390*	5.70
4.5 m					4330*	3580	3790*	2260			2250*	1940	6.55
3.0 m			7850*	6130	5330*	3360	3790	2180			2260*	1710	6.97
1.5 m			5690*	5510	5700	3120	3670	2080			2410*	1630	7.05
0 m			6760*	5320	5530	2980	3590	2010			2740*	1690	6.79
-1.5 m	5600*	5600*	9980*	5330	5490	2940	3590	2000			3430*	1940	6.16
-3.0 m			7990*	5480	5350*	3020					4450*	2640	5.01

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

LIFTING CAPACITY

WX140E MONO

		REACH												
Front Side		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max reach		m
														

REAR BLADE DOWN - Mono boom 4.6 m, arm 2.60 m, 2200 kg counterweight

7.5 m												2660*	2660*	4.40
6.0 m												2230*	2230*	5.87
4.5 m						4180*	3970	3720*	2510			2100*	2070	6.70
3.0 m				7510*	6950	5190*	3730	3800	2420			2110*	1830	7.12
1.5 m				6430*	6250	5710	3480	3680	2310			2250*	1760	7.19
0 m				6820*	6020	5520	3320	3590	2230			2540*	1820	6.94
-1.5 m	5360*	5360*	10110*	6010	5740	3270		3570	2210			3140*	2070	6.33
-3.0 m	9520*	9520*	8270*	6150	5550	3340						4400*	2760	5.21

REAR BLADE UP - Mono boom 4.6 m, arm 2.60 m, 2200 kg counterweight

7.5 m												2660*	2660*	4.40
6.0 m												2230*	2230*	5.87
4.5 m						4180*	3610	3720*	2280			2100*	1870	6.70
3.0 m				7510*	6200	5190*	3380	3800	2190			2110*	1660	7.12
1.5 m				6430*	5530	5710	3130	3680	2080			2250*	1580	7.19
0 m				6820*	5300	5520	2970	3590	2000			2540*	1640	6.94
-1.5 m	5360*	5360*	10110*	5300	5740	2930		3570	1990			3140*	1860	6.33
-3.0 m	9520*	9520*	8270*	5430	5550	3000						4400*	2480	5.21

REAR BLADE DOWN - Mono boom 4.6 m, arm 3.10 m, 2200 kg counterweight

7.5 m												2150*	2150*	5.13
6.0 m								2670*	2570			1860*	1860*	6.43
4.5 m								3310*	2530			1770*	1770*	7.20
3.0 m				6350*	6350*	4690*	3800	3820	2430	2090*	1680	1790*	1650	7.58
1.5 m				9370*	6410	5760	3520	3680	2310	2510*	1640	1900*	1580	7.65
0 m				7170*	6030	5530	3320	3570	2210			2120*	1630	7.42
-1.5 m	4710*	4710*	9570*	5960	5430	3230		3530	2170			2570*	1810	6.85
-3.0 m	7920*	7920*	9090*	6040	5460	3260						3610*	2300	5.84

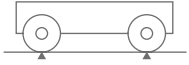
REAR BLADE UP - Mono boom 4.6 m, arm 3.10 m, 2200 kg counterweight

7.5 m												2150*	2150*	5.13
6.0 m								2670*	2340			1860*	1860*	6.43
4.5 m								3310*	2300			1770*	1670	7.20
3.0 m				6350*	6350*	4690*	3440	3820	2200	2090*	1520	1790*	1490	7.58
1.5 m				9370*	5680	5760	3170	3680	2080	2510*	1470	1900*	1420	7.65
0 m				7170*	5320	5530	2970	3570	1980			2120*	1460	7.42
-1.5 m	4710*	4710*	9570*	5240	5430	2890		3530	1940			2570*	1630	6.85
-3.0 m	7920*	7920*	9090*	5320	5460	2920						3610*	2060	5.84

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

BUCKETS

WX140E MONO



QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.21	450	250	○	○	○
0.31	600	290	○	○	○
0.41	750	330	○	●	●
0.52	900	360	●	▲	■
0.58	1000	400	▲	■	-
0.66	1100	430	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.21	450	350	○	○	○
0.31	600	400	○	○	●
0.42	750	460	○	●	■
0.45	800	470	○	●	■
0.52	900	510	●	■	-
0.60	1000	550	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	▲	■	-
0.72	1800	510	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.54	1830	480	●	■	-



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.21	450	250	○	○	○
0.31	600	290	○	○	○
0.41	750	330	○	●	●
0.52	900	360	●	▲	■
0.58	1000	400	▲	■	■
0.66	1100	430	▲	■	-
0.73	1200	450	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.21	450	350	○	○	○
0.31	600	400	○	○	●
0.42	750	460	○	●	▲
0.45	800	470	○	●	■
0.52	900	510	●	▲	■
0.60	1000	550	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	●	▲	■
0.72	1800	510	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.54	1830	480	●	▲	■

○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

BUCKETS

WX140E MONO (HEAVY COUNTERWEIGHT)



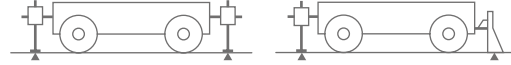
QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.21	450	250	○	○	○
0.31	600	290	○	○	○
0.41	750	330	○	○	●
0.52	900	360	○	●	▲
0.58	1000	400	●	▲	■
0.66	1100	430	▲	■	-
0.73	1200	450	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.21	450	350	○	○	○
0.31	600	400	○	○	○
0.42	750	460	○	○	●
0.45	800	470	○	●	■
0.52	900	510	○	●	■
0.60	1000	550	●	■	-
0.67	1100	580	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	●	▲	■
0.72	1800	510	▲	■	-
0.80	2000	550	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.54	1830	480	○	●	■



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.21	450	250	○	○	○
0.31	600	290	○	○	○
0.41	750	330	○	○	●
0.52	900	360	○	●	▲
0.58	1000	400	●	▲	▲
0.66	1100	430	▲	■	■
0.73	1200	450	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.21	450	350	○	○	○
0.31	600	400	○	○	○
0.42	750	460	○	○	●
0.45	800	470	○	●	▲
0.52	900	510	○	●	■
0.60	1000	550	●	▲	■
0.67	1100	580	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	○	●	▲
0.72	1800	510	●	▲	■
0.80	2000	550	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.54	1830	480	○	●	▲

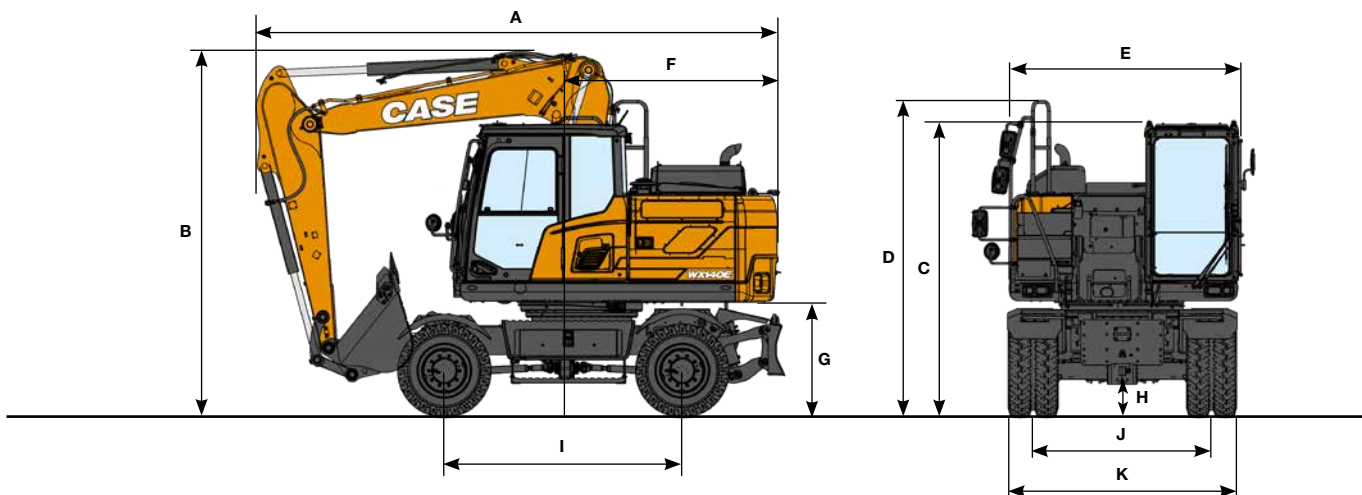
○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

SPECIFICATIONS

WX140E 2-PIECE BOOM



GENERAL DIMENSIONS		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
A Overall length (with attachment) (traveling/transportation)	mm	5815 / 7800	5845 / 7795	5785 / 7810
B Overall height (to top of boom) (traveling/transportation)	mm	3950 / 2770	3950 / 2720	3950 / 2810
C Cab height	mm	3255	3255	3255
D Overall height (to top of handrail)	mm	3475	3475	3475
E Upper structure overall width	mm	2485	2485	2485
F Swing (rear end) radius	mm	2170	2170	2170
G Clearance height	mm	1260	1260	1260
H Minimum ground clearance	mm	390	390	390
I Wheel base (center to center of wheels)	mm	2600	2600	2600
J Tread	mm	1944	1944	1944
K Undercarriage overall width	mm	2530	2530	2530

WEIGHT

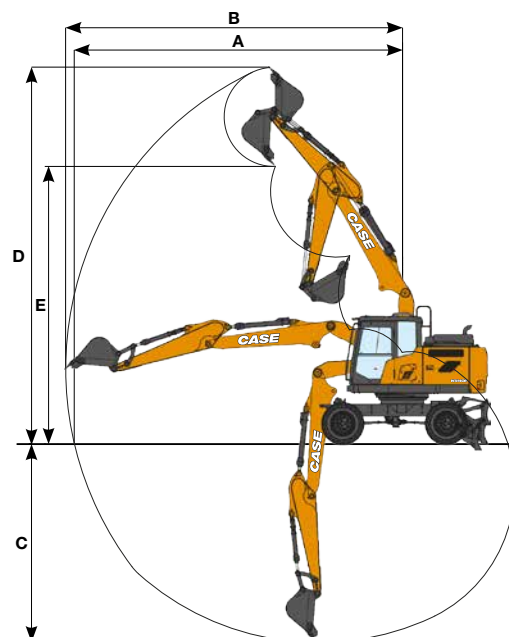
With 2.45 m arm, 0.58 m³ bucket, 10.00×20 twin tires, standard counterweight, operator, lubricant, coolant, full fuel tank.

2-PIECE BOOM	WEIGHT
Rear blade	15860 kg
Front blade and rear stabilizers	16790 kg

Counterweight: 2200 kg









PERFORMANCE DATA		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
Boom length	mm	4748	4748	4748
A Maximum reach at GRP	mm	8270	7820	8420
B Maximum reach	mm	8490	8050	8630
C Max. digging depth	mm	5000	4550	5150
D Max. digging height	mm	9480	9120	9600
E Max. dumping height	mm	6990	6640	7110
F Min. swing radius	mm	2600	2620	2650

DIGGING FORCE (ISO 6015)		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
Arm digging force	kN	66	78	64
with Auto power up	kN	72	85	69
Bucket digging force	kN	103	103	103
with Auto power up	kN	112	112	112



LIFTING CAPACITY

WX140E 2-PIECE BOOM

REACH										
Front Side	3.0 m		4.5 m		6.0 m		At max reach		m	
										
REAR BLADE DOWN - 2-piece boom 4.748 m, arm 2.0 m, 2200 kg counterweight										
7.5 m								4410*	4410*	3.69
6.0 m			4210*	4020				3470*	2970	5.37
4.5 m	5800*	5800*	4630*	3890	3870	2460		3200*	2280	6.26
3.0 m			5580*	3650	3780	2390		3170	2000	6.71
1.5 m			5670	3420	3680	2300		3070	1920	6.79
0 m	4830*	4830*	5540	3310	3620	2240		3220	2010	6.52
-1.5 m	9500*	6110	5540	3310				3780	2340	5.86
REAR BLADE UP - 2-piece boom 4.748 m, arm 2.0 m, 2200 kg counterweight										
7.5 m								4410*	4410*	3.69
6.0 m			4210*	3650				3470*	2690	5.37
4.5 m	5800*	5800*	4630*	3530	3870	2230		3200*	2060	6.26
3.0 m			5580*	3290	3780	2160		3170	1810	6.71
1.5 m			5670	3070	3680	2070		3070	1730	6.79
0 m	4830*	4830*	5540	2960	3620	2010		3220	1810	6.52
-1.5 m	9500*	5380	5540	2960				3780	2120	5.86
REAR BLADE DOWN - 2-piece boom 4.748 m, arm 2.45 m, 2200 kg counterweight										
7.5 m								3030*	3030*	4.46
6.0 m			3710*	3710*				2500*	2500*	5.92
4.5 m			4190*	3950	3880*	2490		2320*	2030	6.74
3.0 m			5190*	3690	3800	2400		2300*	1800	7.15
1.5 m			5690	3440	3670	2280		2410*	1730	7.23
0 m	5270*	5270*	5520	3290	3590	2210		2670*	1800	6.98
-1.5 m	9410*	6000	5480	3250	3580	2200		3220*	2050	6.37
REAR BLADE UP - 2-piece boom 4.748 m, arm 2.45 m, 2200 kg counterweight										
7.5 m								3030*	3030*	4.46
6.0 m			3710*	3710*				2500*	2310	5.92
4.5 m			4190*	3580	3880*	2260		2320*	1830	6.74
3.0 m			5190*	3330	3800	2160		2300*	1620	7.15
1.5 m			5690	3080	3670	2060		2410*	1550	7.23
0 m	5270*	5250	5520	2940	3590	1980		2670*	1610	6.98
-1.5 m	9410*	5280	5480	2900	3580	1970		3220*	1840	6.37
FRONT BLADE & REAR STABILIZERS DOWN - 2-piece boom 4.748 m, arm 2.45 m, 2200 kg counterweight										
7.5 m								3040*	3040*	4.46
6.0 m			3720*	3720*				2500*	2500*	5.92
4.5 m			4200*	4200*	3880*	3880*		2320*	2320*	6.74
3.0 m			5190*	5190*	4250*	4070		2310*	2310*	7.15
1.5 m			6220*	6110	4700*	3950		2410*	2410*	7.23
0 m	5270*	5270*	6790*	5930	4980*	3860		2680*	2680*	6.98
-1.5 m	9410*	9410*	6690*	5900	4780*	3860		3230*	3230*	6.37
FRONT BLADE & REAR STABILIZERS UP - 2-piece boom 4.748 m arm 2.45 m 2200 kg counterweight										
7.5 m								3040*	3040*	4.46
6.0 m			3720*	3720*				2500*	2500*	5.92
4.5 m			4200*	4200*	3880*	2860		2320*	2320*	6.74
3.0 m			5190*	4250	3890	2760		2310*	2090	7.15
1.5 m			5830	3990	3770	2650		2410*	2020	7.23
0 m	5270*	5270*	5660	3830	3680	2570		2680*	2100	6.98
-1.5 m	9410*	7070	5620	3800	3680	2570		3230*	2390	6.37
REAR BLADE DOWN - 2-piece boom 4.748 m, arm 2.60 m, 2200 kg counterweight										
7.5 m			3340*	3340*				2790*	2790*	4.70
6.0 m			3560*	3560*	2730*	2520		2330*	2330*	6.10
4.5 m			4050*	3980	3770*	2510		2170*	1960	6.90
3.0 m	7450*	6900	5050*	3710	3810	2400		2150*	1750	7.30
1.5 m			5700	3440	3680	2290		2250*	1680	7.37
0 m	5350*	5350*	5510	3280	3580	2200		2480*	1740	7.13
-1.5 m	9050*	5960	5460	3240	3570	2190		2970*	1970	6.53
3.0 m			5550	3310						
REAR BLADE UP - 2-piece boom 4.748 m, arm 2.60 m, 2200 kg counterweight										
7.5 m			3340*	3340*				2790*	2790*	4.70
6.0 m			3560*	3560*	2730*	2280		2330*	2210	6.10
4.5 m			4050*	3610	3770*	2270		2170*	1770	6.90
3.0 m	7450*	6140	5050*	3350	3810	2170		2150*	1570	7.30
1.5 m			5700	3090	3680	2060		2250*	1510	7.37
0 m	5350*	5230	5510	2930	3580	1980		2480*	1560	7.13
-1.5 m	9050*	5240	5460	2890	3570	1960		2970*	1760	6.53
3.0 m			5550	2960						

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

BUCKETS

WX140E 2-PIECE BOOM



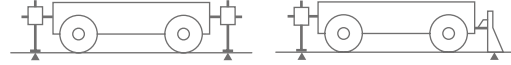
QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GENERAL PURPOSE BUCKETS				
0.21	450	250	○	○
0.31	600	290	○	○
0.41	750	330	○	○
0.52	900	360	○	●
0.58	1000	400	●	▲
0.66	1100	430	▲	■
0.73	1200	450	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
HEAVY DUTY BUCKETS				
0.21	450	350	○	○
0.31	600	400	○	○
0.42	750	460	○	●
0.45	800	470	○	●
0.52	900	510	●	▲
0.60	1000	550	▲	■
0.67	1100	580	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GRADING BUCKETS				
0.59	1500	440	●	■
0.72	1800	510	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
DITCH CLEANING BUCKETS				
0.54	1830	480	●	▲



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GENERAL PURPOSE BUCKETS				
0.21	450	250	○	○
0.31	600	290	○	○
0.41	750	330	○	○
0.52	900	360	○	●
0.58	1000	400	●	▲
0.66	1100	430	▲	■
0.73	1200	450	■	■

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
HEAVY DUTY BUCKETS				
0.21	450	350	○	○
0.31	600	400	○	○
0.42	750	460	○	○
0.45	800	470	○	●
0.52	900	510	●	▲
0.60	1000	550	▲	▲
0.67	1100	580	▲	■

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GRADING BUCKETS				
0.59	1500	440	●	▲
0.72	1800	510	▲	■
0.80	2000	550	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
DITCH CLEANING BUCKETS				
0.54	1830	480	○	●

○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

SPECIFICATIONS

WX160E

ENGINE

Model _____ Cummins B4.5
Type _____ Water-cooled, 4-cycle diesel, 4-cylinder in line,
High pressure common rail system (electric control),
turbocharger with air cooled intercooler, DOC+DPF+SCR,
EGR free.
Emissions _____ Stage V
Number of cylinders / Displacement (l) _____ 4 / 4.5
Bore and stroke (mm) _____ 107 x 124
Rated flywheel horse power
ISO 9249 (kW) _____ 127 at 2200 min⁻¹ (rpm)
ISO 14396 (kW) _____ 129 at 2200 min⁻¹ (rpm)
Maximum torque
ISO 14396 (Nm) _____ 780 at 1500 min⁻¹ (rpm)

HYDRAULIC SYSTEM

Main pump _____ Variable displacement piston pump
Max. oil flow (l/min) _____ 260 at 1800 min⁻¹
Working circuit pressure
Boom/Arm/Bucket (MPa) _____ 34.3 - 37.3 with auto power boost
Swing circuit (MPa) _____ 26.5
Travel circuit (MPa) _____ 37.3
Pilot circuit (MPa) _____ 3.4
Boom cylinders
Bore (mm) _____ 110
Stroke (mm) _____ 1090
Boom positioning (2 piece boom only)
Bore (mm) _____ 160
Stroke (mm) _____ 613
Arm cylinder
Bore (mm) _____ 120
Stroke (mm) _____ 1235
Bucket cylinder
Bore (mm) _____ 105
Stroke (mm) _____ 995

SWING

Swing motor _____ Fixed displacement radial piston motor
Maximum swing speed (min⁻¹) _____ 9.3
Swing torque (kNm) _____ 36.2
Brake system _____ Automatic, spring applied
hydraulic released

ELECTRICAL SYSTEM

Voltage (V) _____ 24
Alternator (Amp) _____ 95
Starter (V - kW) _____ 24 - 4.8
Battery _____ 2 X 12 V 100 Ah

STEERING

Type _____ Orbitrol steering system
Minimum turning radius (m) _____ 6.3

AXLES

Type _____ 4 wheel drive with differential, oscillating front axle
with automatic or operator controlled oscillation lock,
fixed rear axle
Brake type _____ Wet multi-disc
Parking brake type _____ Wet multi-disc integrated
in transmission

UNDERCARRIAGE

Transmission _____ 2 speed hydrostatic powershift
Travel motor _____ Variable displacement bent-axis axial
piston motor
High travel speed (Automatic travel speed shifting) (km/h) _____ 35
Low travel speed (km/h) _____ 10
Creep speed (km/h) _____ 3
Drawbar pull (kN) _____ 103
Gradeability _____ 58% (30°)

NOISE

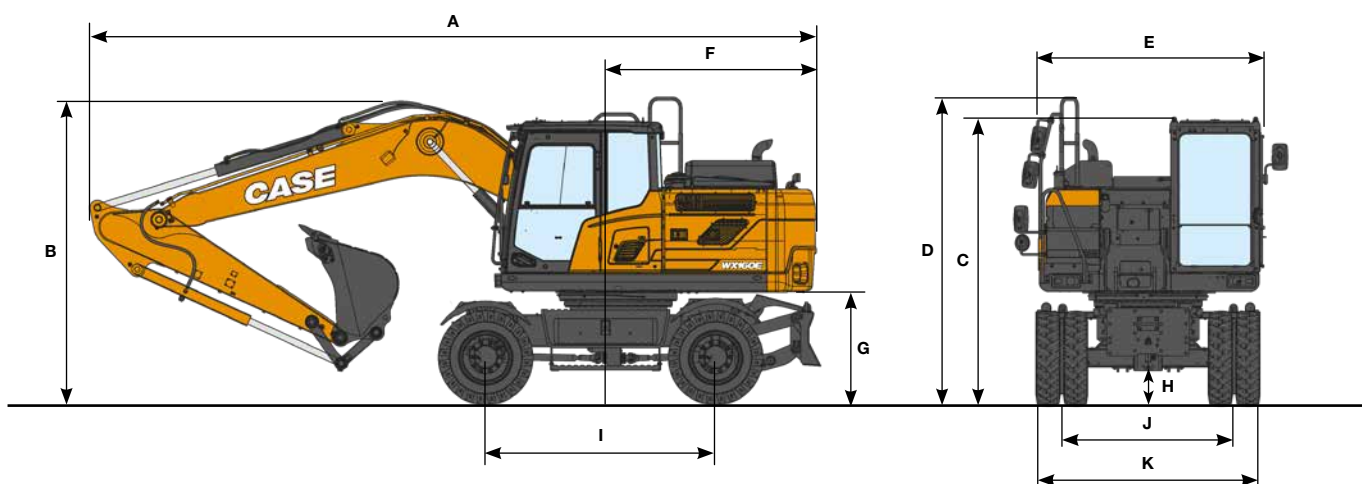
External guaranteed sound level
(EU Directive 2000/14/EC) _____ LwA 99 dB(A)
Operator cab sound pressure level (ISO 6396) _____ LpA 72 dB(A)

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (l) _____ 250
Hydraulic system (l) _____ 204
Hydraulic tank (l) _____ 122
AdBlue tank (l) _____ 48

DIMENSIONS

WX160E MONO



GENERAL DIMENSIONS		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
A Overall length (with attachment) (traveling/transportation)	mm	8180 / 8140	8230 / 8190	8065 / 8025	8060 / 8020
B Overall height (to top of boom) (traveling/transportation)	mm	3510 / 2970	3520 / 3095	3790 / 3250	3940 / 3530
C Cab height	mm	3230	3230	3230	3230
D Overall height (to top of handrail)	mm	3450	3450	3450	3450
E Upper structure overall width	mm	2485	2485	2485	2485
F Swing (rear end) radius	mm	2250	2250	2250	2250
G Clearance height under upper structure	mm	1265	1265	1265	1265
H Minimum ground clearance	mm	370	370	370	370
I Wheel base (center to center of wheels)	mm	2600	2600	2600	2600
J Tread	mm	1944 / 2114	1944 / 2114	1944 / 2114	1944 / 2114
K Undercarriage overall width	mm	2530	2530	2530	2530

WEIGHT

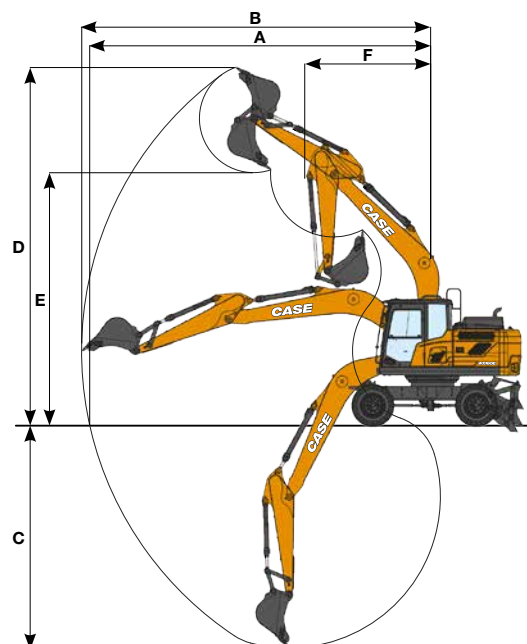
With 2.45 m arm, 0.70 m³ bucket, 10.00×20 twin tires, standard counterweight, operator, lubricant, coolant, full fuel tank.

MONO	WEIGHT
Rear blade	17580 kg
Front blade and rear stabilizers	18800 kg

Std counterweight: 2910 kg
Heavy counterweight: 2910 kg + 500 kg

PERFORMANCE DATA		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
Boom length	mm	5000	5000	5000	5000
A Maximum reach at GRP	mm	8610	8140	8660	9090
B Maximum reach	mm	8820	8360	8865	9285
C Max. digging depth	mm	5610	5160	5760	6260
D Max. digging height	mm	9010	8640	8810	8920
E Max. dumping height	mm	6360	6030	6210	6350
F Min. swing radius	mm	3170	3480	3450	3500

DIGGING FORCE (ISO 6015)		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m	Arm 3.10 m
Arm digging force	kN	77	97	76	67
with Auto power up	kN	84	106	83	73
Bucket digging force	kN	115	115	115	115
with Auto power up	kN	125	125	126	126



LIFTING CAPACITY

WX160E MONO

REACH												
Front	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max reach	m
Side												

REAR BLADE DOWN - Mono boom 5.0 m, arm 2.00 m, 2910 kg counterweight

7.5 m													
6.0 m					4560*	4560*					4580*	3240	5.60
4.5 m					5180*	4470	4430	2860			3920	2530	6.47
3.0 m					6290*	4170	4320	2760			3480	2230	6.90
1.5 m					6430	3920	4190	2640			3360	2130	6.99
0 m					6290	3800	4120	2580			3510	2210	6.73
-1.5 m			9960*	7040	6290	3800	4130	2590			4040	2540	6.10
-3.0 m			7850*	7220	5540*	3920					4790*	3470	4.94

REAR BLADE UP - Mono boom 5.0 m, arm 2.00 m, 2910 kg counterweight

7.5 m													
6.0 m					4560*	4210					4580*	2940	5.60
4.5 m					5180*	4040	4430	2590			3920	2290	6.47
3.0 m					6290*	3760	4320	2490			3480	2010	6.90
1.5 m					6430	3510	4190	2380			3360	1920	6.99
0 m					6290	3390	4120	2310			3510	1990	6.73
-1.5 m			9960*	6180	6290	3390	4130	2320			4040	2280	6.10
-3.0 m			7850*	6360	5540*	3510					4790*	3120	4.94

REAR BLADE DOWN - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m											3180*	3180*	4.77
6.0 m							3550*	2940			2750*	2750*	6.16
4.5 m					4730*	4540	4240*	2900			2630*	2260	6.96
3.0 m					5890*	4240	4350	2780			2660*	2020	7.36
1.5 m					6470	3960	4200	2650			2830*	1940	7.44
0 m			5870*	5870*	6290	3800	4110	2570			3170	2000	7.21
-1.5 m	5810*	5810*	10160*	6950	6250	3770	4090	2550			3570	2250	6.62
-3.0 m	10280*	10280*	8790*	7110	6160*	3840					4540*	2900	5.57

REAR BLADE DOWN (WIDE AXLES) - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m											3180*	3180*	4.77
6.0 m							3550*	3280			2750*	2750*	6.16
4.5 m					4730*	4730*	4240*	3250			2630*	2540	6.96
3.0 m					5890*	4790	4360	3120			2660*	2270	7.36
1.5 m					6490	4490	4210	2990			2830*	2190	7.44
0 m			5870*	5870*	6310	4330	4120	2900			3180	2260	7.21
-1.5 m	5810*	5810*	10160*	8100	6270	4290	4100	2880			3580	2540	6.62
-3.0 m	10280*	10280*	8790*	8260	*6160*	4370					4540*	3270	5.57

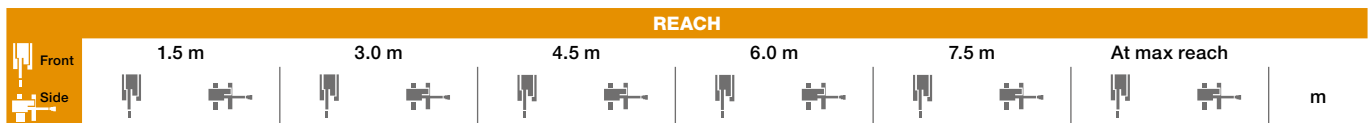
REAR BLADE UP - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m											3180*	3180*	4.77
6.0 m							3550*	2670			2750*	2540	6.16
4.5 m					4730*	4120	4240*	2630			2630*	2050	6.96
3.0 m					5890*	3820	4350	2510			2660*	1820	7.36
1.5 m					6470	3550	4200	2390			2830*	1740	7.44
0 m			5870*	5870*	6290	3390	4110	2300			3170	1790	7.21
-1.5 m	5810*	5810*	10160*	6100	6250	3360	4090	2280			3570	2020	6.62
-3.0 m	10280*	10280*	8790*	6250	6160*	3430					4540*	2600	5.57

REAR BLADE UP (WIDE AXLES) - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m											3180*	3180*	4.77
6.0 m							3550*	2930			2750*	2750*	6.16
4.5 m					4730*	4520	4240*	2890			2630*	2250	6.96
3.0 m					5890*	4220	4360	2770			2660*	2010	7.36
1.5 m					6490	3940	4210	2640			2830*	1930	7.44
0 m			5870*	5870*	6310	3780	4120	2550			3180	1990	7.21
-1.5 m	5810*	5810*	10160*	6910	6270	3750	4100	2530			3580	2240	6.62
-3.0 m	10280*	10280*	8790*	7070	6160*	3830					4540*	2880	5.57

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.



FRONT BLADE & REAR STABILIZERS DOWN - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m										3180*	3180*	4.77
6.0 m							3550*	3550*		2750*	2750*	6.16
4.5 m						4730*	4730*	4240*	4240*	2630*	2630*	6.96
3.0 m						5890*	5890*	4700*	4670	2660*	2660*	7.36
1.5 m						6970*	6970*	5190*	4520	2830*	2830*	7.44
0 m			5870*	5870*	7470*	6790	5470*	4430		3190*	3190*	7.21
-1.5 m	5810*	5810*	10160*	10160*	7260*	6760	5270*	4400		3900*	3850	6.62
-3.0 m	10280*	10280*	8790*	8790*	6160*	6160*				4540*	4540*	5.57

FRONT BLADE & REAR STABILIZERS UP - Mono boom 5.0 m, arm 2.45 m, 2910 kg counterweight

7.5 m										3180*	3180*	4.77
6.0 m							3550*	3350		2750*	2750*	6.16
4.5 m						4730*	4730*	4240*	3310	2630*	2600	6.96
3.0 m						5890*	4870	4400	3190	2660*	2330	7.36
1.5 m						6550	4580	4260	3060	2830*	2250	7.44
0 m			5870*	5870*	6370	4410	4160	2970		3190*	2320	7.21
-1.5 m	5810*	5810*	10160*	8170	6330	4380	4140	2950		3620	2600	6.62
-3.0 m	10280*	10280*	8790*	8330	*6160*	4460				4540*	3350	5.57

REAR BLADE DOWN - Mono boom 5.0 m, arm 2.60 m, 2910 kg counterweight

7.5 m										3360*	3360*	4.96
6.0 m							3960*	2940		2950*	2680	6.31
4.5 m						4540*	4540	4110*	2890	2830*	2180	7.09
3.0 m						5700*	4230	4330	2760	2880*	1940	7.49
1.5 m						6450	3930	4180	2630	3000	1890	7.56
0 m			5970*	5970*	6250	3760	4070	2530		3060	1920	7.33
-1.5 m	5590*	5590*	9940*	6860	6200	3710	4040	2500		3430	2140	6.76
-3.0 m	9860*	9860*	9010*	7010	6270*	3780				4400	2730	5.74

REAR BLADE UP - Mono boom 5.0 m, arm 2.60 m, 2910 kg counterweight

7.5 m										3360*	3360*	4.96
6.0 m							3960*	2670		2950*	2430	6.31
4.5 m						4540*	4120	4110*	2620	2830*	1960	7.09
3.0 m						5700*	3810	4330	2490	2880*	1750	7.49
1.5 m						6450	3520	4180	2360	3000	1690	7.56
0 m			5970*	5970*	6250	3350	4070	2260		3060	1720	7.33
-1.5 m	5590*	5590*	9940*	6010	6200	3310	4040	2240		3430	1920	6.76
-3.0 m	9860*	9860*	9010*	6160	6270*	3370				4400	2450	5.74

REAR BLADE DOWN - Mono boom 5.0 m, arm 3.10 m, 2910 kg counterweight

7.5 m										2680*	2680*	5.62	
6.0 m							3540*	3030		2420*	2410	6.83	
4.5 m							3780*	2960	2570*	2030	2340*	2000	7.56
3.0 m			7570*	7570*	5230*	4340	4300*	2820	3100	1980	2390*	1800	7.93
1.5 m					6470*	4000	4220	2660	3030	1910	2540*	1730	8.00
0 m			6640*	6640*	6270	3770	4090	2540	2970	1860	2820	1760	7.78
-1.5 m	5170*	5170*	9310*	6770	6170	3690	4020	2480			3100	1940	7.25
-3.0 m	8430*	8430*	9800*	6880	6210	3720	4060	2520			3800	2370	6.31
-4.5 m			7000*	7000*	4610*	3900					4240*	3670	4.72

REAR BLADE UP - Mono boom 5.0 m, arm 3.10 m, 2910 kg counterweight

7.5 m										2680*	2680*	5.62	
6.0 m							3540*	2760		2420*	2180	6.83	
4.5 m							3780*	2690	2570*	1830	2340*	1810	7.56
3.0 m			7570*	7200	5230*	3920	4300*	2550	3100	1780	2390*	1620	7.93
1.5 m					6470*	3590	4220	2390	3030	1720	2540*	1550	8.00
0 m			6640*	5960	6270	3360	4090	2270	2970	1660	2820	1580	7.78
-1.5 m	5170*	5170*	9310*	5920	6170	3280	4020	2220			3100	1730	7.25
-3.0 m	8430*	8430*	9800*	6030	6210	3310	4060	2250			3800	2120	6.31
-4.5 m			7000*	6300	4610*	3490					4240*	3280	4.72

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

LIFTING CAPACITY

WX160E MONO

		REACH											
Front Side	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		At max reach		m
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	

REAR BLADE DOWN - Mono boom 5.0 m, arm 2.0 m, 3410 kg counterweight

7.5 m														
6.0 m														
4.5 m					4560*	4560*						4580*	3480	5.60
3.0 m					5180*	4790	4560*	3090				4180	2740	6.47
1.5 m					6290*	4500	4600	2990				3720	2420	6.90
0 m					6860	4250	4480	2870				3600	2320	6.99
-1.5 m					6720	4130	4410	2810				3750	2410	6.73
-3.0 m			9960*	7620	6720	4130	4420	2820				4320	2760	6.10
			7850*	7810	5540*	4250						4790*	3760	4.94

REAR BLADE UP - Mono boom 5.0 m, arm 2.0 m, 3410 kg counterweight

7.5 m														
6.0 m														
4.5 m					4560*	4520						4580*	3170	5.60
3.0 m					5180*	4350	4560*	2810				4180	2490	6.47
1.5 m					6290*	4070	4600	2710				3720	2190	6.90
0 m					6860	3820	4480	2600				3600	2100	6.99
-1.5 m					6720	3710	4410	2530				3750	2180	6.73
-3.0 m			9960*	6720	6720	3700	4420	2540				4320	2490	6.10
			7850*	6900	5540*	3820						4790*	3390	4.94

REAR BLADE DOWN - Mono boom 5.0 m, arm 2.45 m, 3410 kg counterweight

7.5 m												3180*	3180*	4.77
6.0 m									3550*	3170		2750*	2750*	6.16
4.5 m					4730*	4730*	4240*	3130				2630*	2450	6.96
3.0 m					5890*	4570	4630	3010				2660*	2200	7.36
1.5 m					6910	4290	4490	2880				2830*	2120	7.44
0 m					6720	4130	4400	2790				3190*	2180	7.21
-1.5 m	5810*	5810*	10160*	7530	6690	4090	4370	2770				3830	2450	6.62
-3.0 m	10280*	10280*	8790*	7690	6160*	4170						4540*	3150	5.57

REAR BLADE UP - Mono boom 5.0 m, arm 2.45 m, 3410 kg counterweight

7.5 m												3180*	3180*	4.77
6.0 m									3550*	2890		2750*	2750*	6.16
4.5 m					4730*	4430	4240*	2850				2630*	2230	6.96
3.0 m					5890*	4130	4630	2730				2660*	1990	7.36
1.5 m					6910	3860	4490	2610				2830*	1910	7.44
0 m					6720	3700	4400	2520				3190*	1970	7.21
-1.5 m	5810*	5810*	10160*	6640	6690	3670	4370	2500				3830	2210	6.62
-3.0 m	10280*	10280*	8790*	6790	6160*	3740						4540*	2840	5.57

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.



REAR BLADE DOWN - Mono boom 5.0 m, arm 2.60 m, 3410 kg counterweight

7.5 m										3360*	3360*	4.96
6.0 m										2950*	2900	6.31
4.5 m				4540*	4540*					4110*	3120	7.09
3.0 m				5700*	4560					4580*	2990	7.49
1.5 m				6830*	4260					4470	2850	7.56
0 m			5970*	5970*	6680	4090				4360	2760	7.33
-1.5 m	5590*	5590*	9940*	7440	6630	4040			3220	2060		6.76
-3.0 m	9860*	9860*	9010*	7590	6270*	4110						5.74

REAR BLADE UP - Mono boom 5.0 m, arm 2.60 m, 3410 kg counterweight

7.5 m												3360*	3360*	4.96		
6.0 m												2950*	2640	6.31		
4.5 m					4540*	4430				4110*	2840		2830*	2140	7.09	
3.0 m					5700*	4120				4580*	2710		2880*	1910	7.49	
1.5 m					6830*	3830				4470	2580		3070*	1840	7.56	
0 m			5970*	5970*	6680	3660				4360	2480	3220	1860	3280	1890	7.33
-1.5 m	5590*	5590*	9940*	6550	6630	3620				4330	2450			3680	2110	6.76
-3.0 m	9860*	9860*	9010*	6700	6270*	3680								4490*	2680	5.74

REAR BLADE DOWN - Mono boom 5.0 m, arm 3.10 m, 3410 kg counterweight

7.5 m														2680*	2680*	5.62
6.0 m														3540*	3260	6.83
4.5 m														3780*	3190	7.56
3.0 m														2570*	2200	7.93
1.5 m			7570*	7570*	5230*	4670				4300*	3050	3320	2160	2340*	2170	8.00
0 m			6640*	6640*	6470*	4330				4510	2890	3240	2090	2540*	1890	7.78
-1.5 m	5170*	5170*	9310*	7350	6700	4100				4370	2770	3180	2030	2840*	1930	7.25
-3.0 m	8430*	8430*	9800*	7460	6600	4010				4310	2710			3330	2120	6.31
-4.5 m			7000*	7000*	6640	4050				4350	2750			4070	2590	4.72

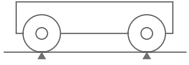
REAR BLADE UP - Mono boom 5.0 m, arm 3.10 m, 3410 kg counterweight

7.5 m														2680*	2680*	5.62
6.0 m														3540*	2980	6.83
4.5 m														3780*	2910	7.56
3.0 m														2570*	2000	7.93
1.5 m			7570*	7570*	5230*	4230				4300*	2770	3320	1950	2340*	1780	8.00
0 m			6640*	6500	6470*	3900				4510	2610	3240	1880	2540*	1700	7.78
-1.5 m	5170*	5170*	9310*	6460	6700	3670				4370	2490	3180	1830	2840*	1740	7.25
-3.0 m	8430*	8430*	9800*	6570	6600	3590				4310	2440			3330	1910	6.31
-4.5 m			7000*	6840	6640	3620				4350	2470			4070	2330	4.72

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

BUCKETS

WX160E MONO



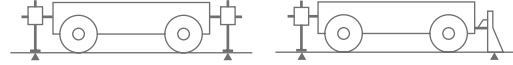
QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.24	450	350	○	○	○
0.36	600	390	○	○	●
0.50	750	440	○	●	■
0.62	900	480	●	■	-
0.70	1000	500	▲	■	-
0.78	1100	540	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.26	450	420	○	○	○
0.38	600	480	○	○	●
0.51	750	550	●	●	■
0.65	900	620	▲	■	-
0.70	1000	660	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	●	▲	■
0.72	1800	510	▲	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.86	1830	630	■	-	-



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.24	450	350	○	○	○
0.36	600	390	○	○	●
0.50	750	440	○	●	■
0.62	900	480	●	▲	■
0.70	1000	500	▲	■	-
0.78	1100	540	■	■	-
0.87	1200	570	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
HEAVY DUTY BUCKETS					
0.26	450	420	○	○	○
0.38	600	480	○	○	●
0.51	750	550	○	●	▲
0.65	900	620	●	▲	■
0.70	1000	660	▲	■	-
0.75	1050	680	■	-	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GRADING BUCKETS					
0.59	1500	440	●	●	▲
0.72	1800	510	●	▲	■

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
DITCH CLEANING BUCKETS					
0.86	1830	630	■	■	-

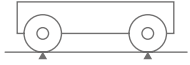
○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

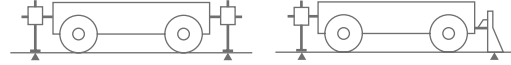
BUCKETS

WX160E MONO (HEAVY COUNTERWEIGHT)



QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.24	450	350	○	○	○
0.36	600	390	○	○	○
0.50	750	440	○	○	●
0.62	900	480	○	●	▲
0.70	1000	500	●	▲	■
0.78	1100	540	▲	■	-
0.87	1200	570	■	-	-
HEAVY DUTY BUCKETS					
0.26	450	420	○	○	○
0.38	600	480	○	○	●
0.51	750	550	○	●	▲
0.65	900	620	●	▲	■
0.70	1000	660	▲	■	-
0.75	1050	680	■	-	-
GRADING BUCKETS					
0.59	1500	440	○	●	■
0.72	1800	510	●	■	-
0.85	2100	570	■	-	-
DITCH CLEANING BUCKETS					
0.86	1830	630	■	■	-



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00m	Arm 2.45 m 2.60 m	Arm 3.10 m
GENERAL PURPOSE BUCKETS					
0.24	450	350	○	○	○
0.36	600	390	○	○	○
0.50	750	440	○	○	●
0.62	900	480	○	●	▲
0.70	1000	500	●	▲	■
0.78	1100	540	▲	▲	■
0.87	1200	570	▲	■	-
HEAVY DUTY BUCKETS					
0.26	450	420	○	○	○
0.38	600	480	○	○	●
0.51	750	550	○	●	▲
0.65	900	620	●	●	■
0.70	1000	660	●	▲	■
0.75	1050	680	▲	■	-
0.78	1100	700	■	-	-
GRADING BUCKETS					
0.59	1500	440	○	●	▲
0.72	1800	510	●	▲	■
0.85	2100	570	▲	■	-
DITCH CLEANING BUCKETS					
0.86	1830	630	▲	■	-

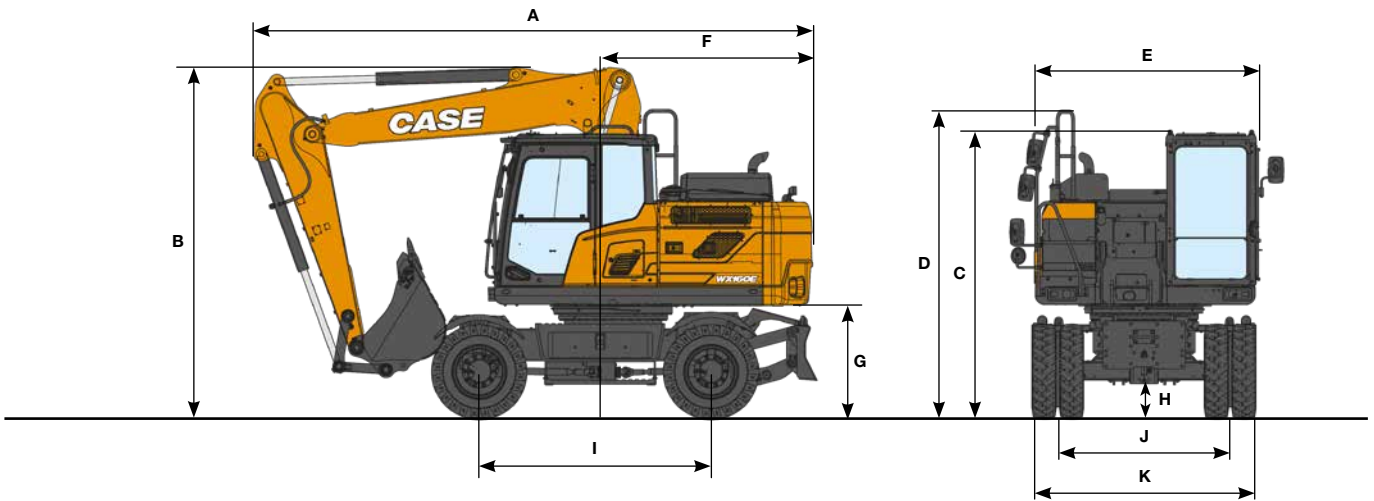
○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

DIMENSIONS

WX160E 2-PIECE BOOM



GENERAL DIMENSIONS		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
A Overall length (with attachment) (traveling/transportation)	mm	6340 / 8345	6375 / 8390	6280 / 8320
B Overall height (to top of boom) (traveling/transportation)	mm	3930 / 2950	3930 / 2990	3930 / 3165
C Cab height	mm	3230	3230	3230
D Overall height (to top of handrail)	mm	3450	3450	3450
E Upper structure overall width	mm	2485	2485	2485
F Swing (rear end) radius	mm	2250	2250	2250
G Clearance height under upper structure	mm	1265	1265	1265
H Minimum ground clearance	mm	370	370	370
I Wheel base (center to center of wheels)	mm	2600	2600	2600
J Tread	mm	1944 / 2114	1944 / 2114	1944 / 2114
K Undercarriage overall width	mm	2530	2530	2530

WEIGHT

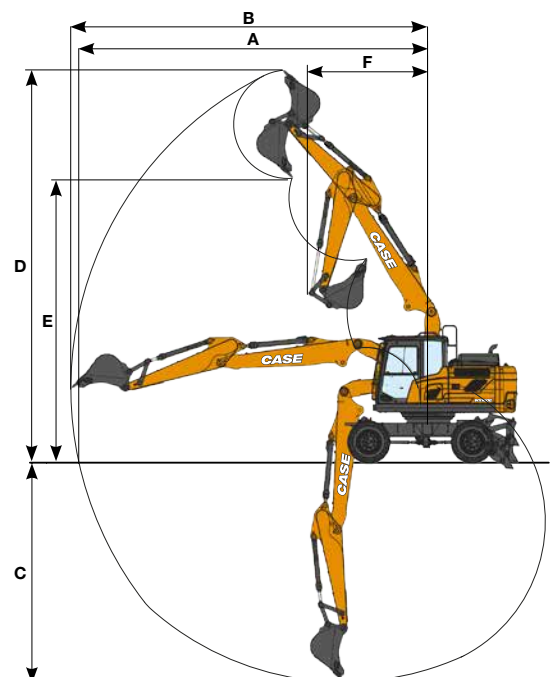
With 2.45 m arm, 0.70 m³ bucket, 10.00×20 twin tires, standard counterweight, operator, lubricant, coolant, full fuel tank.

2-PIECE BOOM	WEIGHT
Rear blade	18390 kg
Front blade and rear stabilizers	19610 kg

Counterweight: 3410 kg












PERFORMANCE DATA		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
Boom length	mm	5097	5097	5097
A Maximum reach at GRP	mm	8790	8310	8860
B Maximum reach	mm	8990	8530	9060
C Max. digging depth	mm	5540	5080	5660
D Max. digging height	mm	9870	9450	9770
E Max. dumping height	mm	7140	6740	7070
F Min. swing radius	mm	3030	3370	3500

DIGGING FORCE (ISO 6015)		Arm 2.45 m	Arm 2.00 m	Arm 2.60 m
Arm digging force	kN	77	97	76
with Auto power up	kN	84	106	83
Bucket digging force	kN	115	115	115
with Auto power up	kN	125	125	126



LIFTING CAPACITY











WX160E 2-PIECE BOOM

		REACH										
Front Side	3.0 m		4.5 m		6.0 m		7.5 m		At max reach		m	
												
REAR BLADE DOWN - 2-piece boom 5.097 m, arm 2.0 m, 3410 kg counterweight												
7.5 m										4660*	4660*	4.30
6.0 m			4250*	4250*						4310*	3280	5.81
4.5 m			4880*	4790	4290*	3080				4010	2600	6.65
3.0 m			6000*	4470	4610	2970				3590	2310	7.07
1.5 m			6840	4200	4470	2840				3470	2220	7.15
0 m			6710	4080	4400	2770				3620	2310	6.91
-1.5 m	9910*	7560	6710	4080	4410	2780				4140	2630	6.29
-3.0 m												
REAR BLADE UP - 2-piece boom 5.097 m, arm 2.0 m, 3410 kg counterweight												
7.5 m										4660*	4660*	4.30
6.0 m			4250*	4250*						4310*	2980	5.81
4.5 m			4880*	4340	4290*	2800				4010	2360	6.65
3.0 m			6000*	4030	4610	2680				3590	2090	7.07
1.5 m			6840	3760	4470	2560				3470	2000	7.15
0 m			6710	3650	4400	2490				3620	2080	6.91
-1.5 m	9910*	6660	6710	3650	4410	2500				4140	2370	6.29
-3.0 m												
REAR BLADE DOWN - 2-piece boom 5.097 m, arm 2.45 m, 3410 kg counterweight												
7.5 m			3940*	3940*						3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	3180				2790*	2790*	6.37
4.5 m			4450*	4450*	3990*	3130				2620*	2330	7.14
3.0 m			5600*	4540	4460*	2990	2960*	2120		2600*	2100	7.54
1.5 m			6720*	4240	4490	2850	3240	2070		2720*	2030	7.61
0 m			6710	4080	4390	2760				2980*	2090	7.38
-1.5 m	8830*	7460	6670	4050	4360	2740				3520*	2340	6.81
-3.0 m			6400*	4130								
REAR BLADE DOWN (WIDE AXLES) - 2-piece boom 5.097 m arm 2.45 m, 3410 kg counterweight												
7.5 m			3940*	3940*						3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	3540				2790*	2790*	6.37
4.5 m			4450*	4450*	3990*	3490				2620*	2610	7.14
3.0 m			5600*	5120	4460*	3350	2960*	2380		2600*	2360	7.54
1.5 m			6720*	4800*	4500	3210	3250	2330		2720*	2280	7.61
0 m			6720	4630	4400	3120				2980*	2360	7.38
-1.5 m	8830*	8680	6690	4600	4370	3100				3520*	2640	6.81
-3.0 m			6400*	4690								
REAR BLADE UP - 2-piece boom 5.097 m, arm 2.45 m, 3410 kg counterweight												
7.5 m			3940*	3940*						3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	2890				2790*	2590	6.37
4.5 m			4450*	4420	3990*	2840				2620*	2110	7.14
3.0 m			5600*	4100	4460*	2710	2960*	1910		2600*	1890	7.54
1.5 m			6720*	3800	4490	2570	3240	1870		2720*	1820	7.61
0 m			6710	3640	4390	2480				2980*	1880	7.38
-1.5 m	8830*	6560	6670	3610	4360	2460				3520*	2100	6.81
-3.0 m			6400*	3700								
REAR BLADE UP (WIDE AXLES) - 2-piece boom 5.097 m, arm 2.45 m, 3410 kg counterweight												
7.5 m			3940*	3940*						3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	3170				2790*	2790*	6.37
4.5 m			4450*	4450*	3990*	3110				2620*	2330	7.14
3.0 m			5600*	4520	4460*	2980	2960*	2110		2600*	2090	7.54
1.5 m			6720*	4220	4500	2840	3250	2060		2720*	2020	7.61
0 m			6720	4060	4400	2750				2980*	2080	7.38
-1.5 m	8830*	7420	6690	4030	4370	2730				3520*	2330	6.81
-3.0 m			6400*	4110								

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

LIFTING CAPACITY

WX160E 2-PIECE BOOM

		REACH									
Front Side	3.0 m		4.5 m		6.0 m		7.5 m		At max reach		m
											
FRONT BLADE & REAR STABILIZERS DOWN - 2-piece boom 5.097 m, arm 2.45 m, 3410 kg counterweight											
7.5 m			3940*	3940*					3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	3850*			2790*	2790*	6.37
4.5 m			4450*	4450*	3990*	3990*			2620*	2620*	7.14
3.0 m			5600*	5600*	4460*	4460*	2960*	2960*	2600*	2600*	7.54
1.5 m			6720*	6720*	4990*	4810	3810	3480	2720*	2720*	7.61
0 m			7310*	7220	5340*	4710			2980*	2980*	7.38
-1.5 m	8830*	8830*	7260*	7180	5300*	4690			3520*	3520*	6.81
-3.0 m			6400*	6400*							
FRONT BLADE & REAR STABILIZERS UP - 2-piece boom 5.097 m, arm 2.45 m, 3410 kg counterweight											
7.5 m			3940*	3940*					3260*	3260*	5.04
6.0 m			3790*	3790*	3850*	3600			2790*	2790*	6.37
4.5 m			4450*	4450*	3990*	3550			2620*	2620*	7.14
3.0 m			5600*	5190	4460*	3420	2960*	2430	2600*	2410	7.54
1.5 m			6720*	4870	4540	3280	3280	2390	2720*	2330	7.61
0 m			6790	4710	4440	3180			2980*	2410	7.38
-1.5 m	8830*	8720	6750*	4680	4420	3160			3520*	2690	6.81
-3.0 m			6400*	4770							
REAR BLADE DOWN - 2-piece boom 5.097 m, arm 2.60 m, 3410 kg counterweight											
7.5 m			3710*	3710*					3450*	3450*	5.23
6.0 m			3610*	3610*	3670*	3180			2990*	2730	6.52
4.5 m			4270*	4270*	3850*	3110			2830*	2240	7.28
3.0 m			5420*	4540	4340*	2970	3270	2100	2830*	2020	7.67
1.5 m			6570*	4210	4460	2830	3210	2040	2960*	1950	7.74
0 m			6660	4030	4350	2720	3180	2010	3170	2000	7.52
-1.5 m	8610*	7370	6620	3990	4320	2690			3530	2230	6.96
-3.0 m			6480*	4070							
REAR BLADE UP - 2-piece boom 5.097 m, arm 2.60 m, 3410 kg counterweight											
7.5 m			3710*	3710*					3450*	3450*	5.23
6.0 m			3610*	3610*	3670*	2890			2990*	2470	6.52
4.5 m			4270*	4270*	3850*	2830			2830*	2030	7.28
3.0 m			5420*	4090	4340*	2690	3270	1890	2830*	1820	7.67
1.5 m			6570*	3780	4460	2540	3210	1840	2960*	1750	7.74
0 m			6660	3600	4350	2440	3180	1800	3170	1800	7.52
-1.5 m	8610*	6470	6620	3560	4320	2420			3530	2010	6.96
-3.0 m			6480*	3630							

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.

BUCKETS

WX160E 2-PIECE BOOM



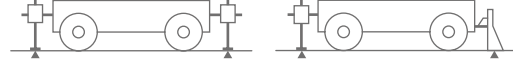
QUICK COUPLED - ON WHEELS

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GENERAL PURPOSE BUCKETS				
0.24	450	350	○	○
0.36	600	390	○	○
0.50	750	440	○	●
0.62	900	480	●	▲
0.70	1000	500	●	■
0.78	1100	540	■	-
0.87	1200	570	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
HEAVY DUTY BUCKETS				
0.26	450	420	○	○
0.38	600	480	○	○
0.51	750	550	○	●
0.65	900	620	●	■
0.70	1000	660	■	■
0.75	1050	680	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GRADING BUCKETS				
0.59	1500	440	●	▲
0.72	1800	510	▲	■
0.85	2100	570	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
DITCH CLEANING BUCKETS				
0.86	1830	630	■	-



QUICK COUPLED - STABILIZED

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GENERAL PURPOSE BUCKETS				
0.24	450	350	○	○
0.36	600	390	○	○
0.50	750	440	○	●
0.62	900	480	●	▲
0.70	1000	500	●	▲
0.78	1100	540	▲	■
0.87	1200	570	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight kg	Arm 2.00 m	Arm 2.45 m 2.60 m
HEAVY DUTY BUCKETS				
0.26	450	420	○	○
0.38	600	480	○	○
0.51	750	550	○	●
0.65	900	620	●	▲
0.70	1000	660	▲	■
0.75	1050	680	■	■
0.78	1050	700	■	-

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
GRADING BUCKETS				
0.59	1500	440	●	●
0.72	1800	510	●	▲
0.85	2100	570	▲	■

Capacity m ³ (ISO7451 HEAPED)	Width mm	Weight* kg	Arm 2.00 m	Arm 2.45 m 2.60 m
DITCH CLEANING BUCKETS				
0.54	1830	630	■	■

○ Rated material density up to 2 ton/m³
● Rated material density up to 1.6 ton/m³

▲ Rated material density up to 1.4 ton/m³
■ Rated material density up to 1.2 ton/m³

— Not applicable
* with bolt-on cutting edge

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ISO 9001: 2015 / KS Q ISO 9001: 2015

인증범위

굴삭기의 생산

인증번호: **D-Q-024**

유효기한: 2027년 12월 09일

최 초 인 증 일: 2018년 12월 10일

인증서발행일: 2024년 11월 25일



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President *Kim Kyoung A*

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Chungcheongnam-do, KOREA

This is to certify that the Quality Management System and the scope of the
Certification of the above mention company meets the requirement of

ISO 9001: 2015 / KS Q ISO 9001: 2015

for the scope of

The manufacture of excavator

Certificate Number: **D-Q-024**

Initial Certification Date: 10 December 2018

Expiry Date: 9 December 2027

Issued Date: 25 November 2024



※ This certification is valid only if the organization meets the requirement continually

President *Kim Kyoung Il*

DAEHAN CERTIFICATION REGISTER INC 인천광역시 남동구 은봉로60번길 46 인천상공회의소 306호



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