

**CASE**  
CONSTRUCTION

# CXB HYDRAULIC EXCAVATORS

CX210B MH | CX210B SL | CX240B MH | CX240B SL



# CXB HYDRAULIC EXCAVATORS

## MATERIAL HANDLING

Case has a long established history at the forefront of the materials handling industry. Whatever the industry sector, Case machines offer the versatility, durability and performance to meet your needs.

With the introduction of the CX-B Material Handling excavators, Case has once again taken the lead in this vital industrial market.

### Power and performance

The EU Stage IIIA compliant engine in the CX240B offers proven low fuel consumption and reduced exhaust emissions. Dedicated matching of slew speed and boom raise functions increases productivity, while high lifting forces allow easier dump function with high lift arms.

### Quiet, comfortable working environment

Larger CX-B series cab offers class-leading visibility and comfort for the operator. The cab is mounted on a rigid parallel lift structure, that allows the visibility of the operator in a height of 5.06 meters.

### Safety first

Cab descent switch can be activated from inside and outside the cab, for increased operator safety. Safety valve limits cab descent speed and there is an escape ladder provided in case of emergency. Mechanical locking pins secure the cab in elevated position for service and maintenance.

### Increased productivity

Additional steps and handrails assist service engineers. Swing away cab front guard and forward step allow access to the windscreen. Centralised greasing points for the elevating cab structure, with secure tool storage beneath the cab.

### Purpose built

A choice of booms and arms for material handling and scrap loading applications provide superior reach and lifting capability. Heavier counterweight ensures maximum stability and auxiliary hydraulic lines allow rapid installation of dedicated working tools out of a wide Case range.







# CXB HYDRAULIC EXCAVATORS

## MATERIAL HANDLING

### Precise control for maximum productivity

Experienced material handling operators know that power without control is power wasted. The CX210B and CX240B MH/SL share its hydraulic system with the proven CX-B excavators. The hydraulic servo levers are tuned for fine control, providing the operator with maximum controllability in all conditions.

The dedicated slew frame, with its purpose-built elevating cab, provides a stable structure thanks to a rigid parallel linkage. With a range of elevating height settings, that allows the visibility of the operator in a height of 5.06 meters, the ideal operating position for any application is assured.

Dedicated boom and arm combinations, with hydraulic cylinders from a larger machine class, ensure high lifting forces and a wider working range, improving productivity for the customer. Arm cylinders mounted on the side of the boom increase the operating angle and improve transportation height, while twin cylinders boost lifting capacity.





## Clean, efficient power

The CX210B and 240B have at their heart a proven four cylinder Stage IIIA power plant. This highly efficient diesel engines use common rail fuel injection and exhaust gas recirculation (EGR) to ensure low emissions and reduced fuel consumption.

The engine design features a sturdy engine block with a ladder frame construction, for increased durability and reliability, with a low rev cooling fan contributing to reduced noise levels.



# CXB HYDRAULIC EXCAVATORS

## MATERIAL HANDLING



### Case durability and reliability

All CX-B series machines feature EMS Extended Maintenance System bushings, providing 1,000 hour greasing intervals on all pins except the attachment linkage. Anti-friction shims at the base of the boom limit friction and noise during operation, increasing reliability and reducing ownership costs.



### Proven driveline

All Case track components are designed for extended durability, proven in the most arduous working conditions across the world. Heat treated sprockets, improved track guides and increased pin hardness results in extended operating life.



### Hydraulic force

The CX-B Material handlers feature a hydraulic pump torque variable control system, to maintain optimum engine speed during heavy work. The engine and hydraulic control rapidly reacts to demand, while improvements in the hydraulic system contribute to reduced fuel consumption and improved performance.



### Commanding view

Dedicated elevating cab structure allows the visibility of the operator in a height of 5.06 meters. Rigid elevating structure ensures total operator confidence, allowing increased productivity at full reach. Cab can be lowered with an external control switch. Cab descent speed is also limited in the case of a hose burst.



### Maximum control

Fine tuned levers offer delicate control of boom and attachments. Swing relief pressure has been adjusted to match the boom raising speed, allowing smooth multifunction cycles for increased productivity.





#### **Efficient cooling pack**

The CX-B have a spacious radiator compartment, with separate cooling cores for engine coolant, hydraulic oil, cab air conditioning and the engine after cooler. Individual cores promote ease of maintenance and allow rapid cleaning for reduced downtime.

#### **Ease of service**

Centralised filter location within the left hand side of the bodywork allows access from ground level to all regular maintenance points. Green oil drains reduce environmental impact, ensuring that there is no ground contamination during regular service. A high flow refuelling pump is standard, while the machine features a 20% larger fuel tank, reducing downtime for daily refilling.

#### **Application specific**

Tailored main booms and dipper arms can handle the most arduous materials handling tasks. Available with dedicated scrap loading, materials handling and equipment.





# CXB HYDRAULIC EXCAVATORS

## MATERIAL HANDLING

### Class-leading working environment

With class-leading levels of low noise and vibration, the Case CX-B cab is spacious, light and comfortable. Thank's to slim pillars and a 60% larger window on the right hand side there is a excellent view into the jobsite. Maximum Safety.

A comfortable fully reclining operator's seat, standard air conditioning with nine outlet louvres to distribute heat and ventilation ensure that the driver remains comfortable throughout the working day. Cup holders, a clock, a mobile phone holder, a built-in coolbox and numerous storage compartments make the Case cab the ideal environment to ensure maximum productivity.

The cab is mounted on a 300% more rigid parallel lift structure, that allows the visibility of the operator in a height of 5.06 meters. There are emergency descent switches in the cab and at ground level, and the operator has a sturdy set of steps and handrails to gain safe access to the cab. Mechanical locking pins are supplied to retain the cab in the elevated position for service and maintenance.







## Service simplicity results in reduced downtime

As with all CX-B machines, the filters can be easily accessed from ground level, making the task easier and safer for service engineers. Green engine oil drain taps are supplied to ensure that there is no risk of contamination on sensitive ground.

The machine is equipped with a high flow electric refuelling pump with auto shut-off, which in combination with a larger fuel tank reduces the time taken to refill the tank. All electrical connections are located in a centralised sealed cabinet within the cab, ensuring that sensitive electronics are protected from dust and weather ingress.

The CX-B excavators use Extended Maintenance System (EMS) bushings on all pins except for the attachment linkage. EMS bushings allow 1,000 hour greasing intervals, with 250 hour intervals on the attachment pins. Anti-friction shims further reduce wear on the boom foot and head linkage, cutting noise and operating cost for the customer.

# CXB HYDRAULIC EXCAVATORS

## CX210B MH/SL

### Specifications MH/SL

#### Engine

Make \_\_\_\_\_ ISUZU  
Type \_\_\_\_\_ AI-4HK1X  
Water-cooled, 4-cycle diesel, 4-cylinder in line, direct injection,  
(electric control) Turbocharger with air cooled intercooler  
Number of cylinders \_\_\_\_\_ 4  
Bore/Stroke \_\_\_\_\_ 115 x 125 mm  
Horsepower (SAE J1349) \_\_\_\_\_ 117 hp @ 1800 rpm  
Maximum torque (SAE J1349) \_\_\_\_\_ 628 Nm @ 1500 rpm

#### Hydraulic system

Max output \_\_\_\_\_ 2 x 211 l/min @ 1800 rpm  
2 variable displacement axial piston pumps with regulating system  
Attachment \_\_\_\_\_ 34.3 MPa - 36.8 MPa with auto power up  
Swing circuit \_\_\_\_\_ 29.4 MPa  
Travel \_\_\_\_\_ 34.3 Mpa

#### Swing

Max upperstructure swing speed \_\_\_\_\_ 11.5 rpm

#### Travel

Travel motor \_\_\_\_\_ Variable displacement axial piston motor  
Max travel speed \_\_\_\_\_ 5.6 km/h (Automatic travel speed shifting)  
Low travel speed \_\_\_\_\_ 3.4 km/h  
Gradeability \_\_\_\_\_ 70% (35°)  
Drawbar pull \_\_\_\_\_ 189 kN

#### Electrical system

Circuit \_\_\_\_\_ 24 V  
Alternator \_\_\_\_\_ 50 Amp

#### Undercarriage

Number of carriers rollers (each side) \_\_\_\_\_ 2  
Number of track rollers (each side) \_\_\_\_\_ 8  
Number of shoes each side \_\_\_\_\_ 49  
Type of shoe \_\_\_\_\_ Triple grouser/flatshoe

#### Circuit and component capacities

Fuel tank \_\_\_\_\_ 410 l  
Hydraulic system \_\_\_\_\_ 245 l  
Engine cooling system \_\_\_\_\_ 25.6 l

### Weight and ground pressure

With operator, lubricant, coolant and full fuel tank, 600 grousershoes, frontattachment

	Weight (kg)	Ground pressure (MPa)
CX210B MH	25700	0.050
CX210B SL	25300	0.052



## Specifications MH/SL

### Engine

Make \_\_\_\_\_ ISUZU  
 Type \_\_\_\_\_ AH-4HK1X  
 Water-cooled, 4-cycle diesel, 4-cylinder in line, direct injection,  
 (electric control) Turbocharger with air cooled intercooler  
 Number of cylinders \_\_\_\_\_ 4  
 Bore/Stroke \_\_\_\_\_ 115 x 125 mm  
 Horsepower (SAE J1349) \_\_\_\_\_ 177 hp (132 kW) @ 2000 rpm  
 Maximum torque (SAE J1349) \_\_\_\_\_ 636 Nm @ 1500 rpm

### Hydraulic system

Max output \_\_\_\_\_ 2 x 234 l/min @ 2000 rpm  
 2 variable displacement axial piston pumps with regulating system  
 Attachment \_\_\_\_\_ 34.3 MPa - 36.5 MPa with auto power up  
 Swing circuit \_\_\_\_\_ 28.9 MPa / 27 MPa  
 Travel \_\_\_\_\_ 34.3 Mpa

### Swing

Max upperstructure swing speed \_\_\_\_\_ 10.7 rpm

### Travel

Travel motor \_\_\_\_\_ Variable displacement axial piston motor  
 Max travel speed \_\_\_\_\_ 5.5 km/h (Automatic travel speed shifting)  
 Low travel speed \_\_\_\_\_ 3.5 km/h  
 Gradeability \_\_\_\_\_ 70% (35°)  
 Drawbar pull \_\_\_\_\_ 216 kN

### Electrical system

Circuit \_\_\_\_\_ 24 V  
 Alternator \_\_\_\_\_ 50 Amp

### Undercarriage

Number of carriers rollers (each side) \_\_\_\_\_ 2  
 Number of track rollers (each side) \_\_\_\_\_ 9  
 Number of shoes each side \_\_\_\_\_ 51  
 Type of shoe \_\_\_\_\_ Triple grouser / flat shoe

### Circuit and component capacities

Fuel tank \_\_\_\_\_ 410 l  
 Hydraulic system \_\_\_\_\_ 250 / 244 l  
 Engine cooling system \_\_\_\_\_ 25.2 l

## Weight and ground pressure

With operator, lubricant, coolant and full fuel tank, 600 grousershoes, frontattachment

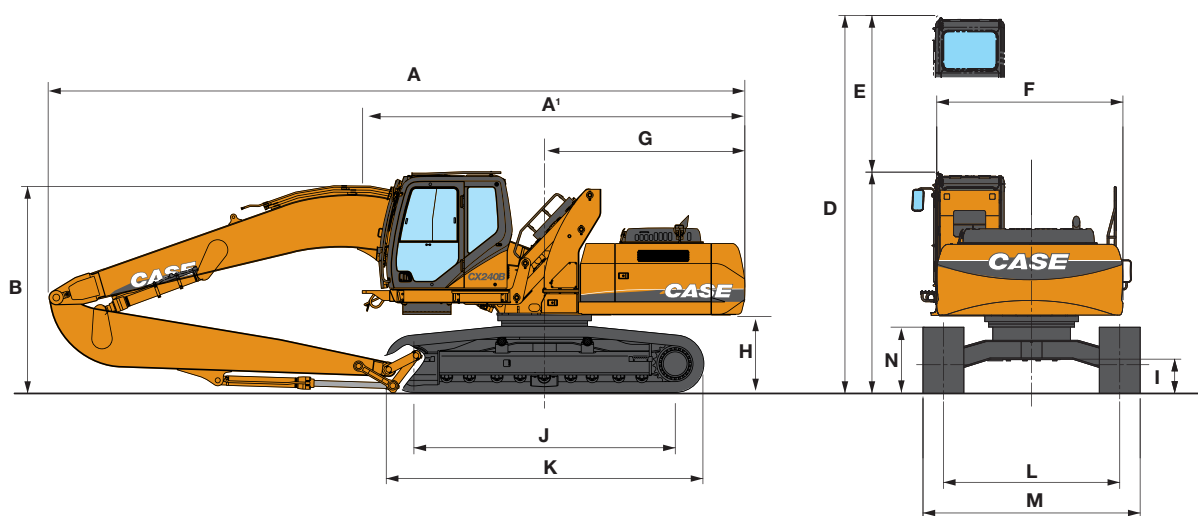
	Weight (kg)	Ground pressure (MPa)
CX240B MH	27800	0.055
CX240B SL	30100	0.060

# CXB HYDRAULIC EXCAVATORS

CX210B MH | CX240B MH

## General dimensions

Material Handler

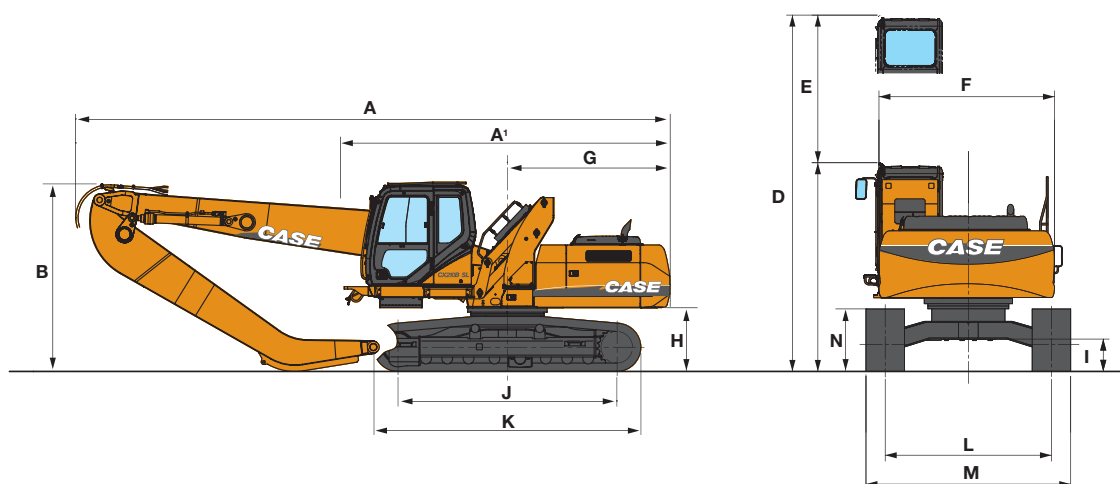


	CX210B MH Arm 4.80 m	CX240B MH Arm 5.0 m
A <sup>1</sup> Overall length (without attachment)	5450 mm	5580 mm
A Overall length (with attachment)	9940 mm	10230 mm
B Overall height (with attachment)	3170 mm	3230 mm
C Minimum cab height	3170 mm	3230 mm
D Maximum cab height	5470 mm	5530 mm
E Cab riser stroke	2300 mm	2300 mm
F Upper structure overall width	2980 mm	2820 mm
G Swing (rear end) radius	2750 mm	2490 mm
H Counterweight ground clearance	1040 mm	1100 mm
I Minimum ground clearance	460 mm	460 mm
J Wheel base (Center to center of wheels)	3660 mm	3840 mm
K Crawler overall length	4470 mm	4650 mm
L Track gauge	2390 mm	2590 mm
M Undercarriage overall width (with 600 mm shoes)	2990 mm	3190 mm
N Crawler tracks height	920 mm	940 mm



## General dimensions

### Scraploader



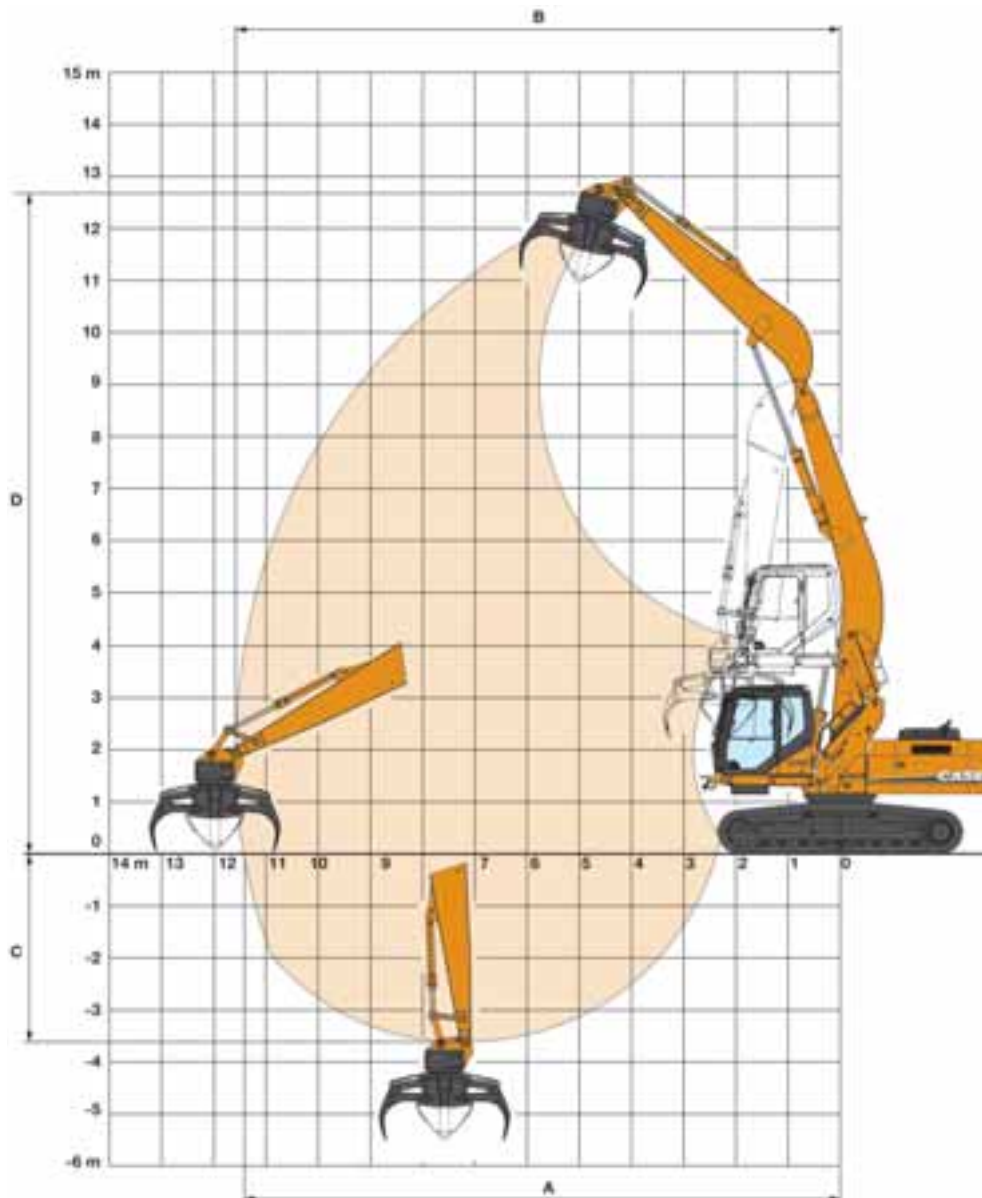
	CX210B SL	CX240B SL
Boom length	6800 mm	7400 mm
Arm length	5200 mm	5800 mm
A <sup>1</sup> Overall length (without attachment)	5450 mm	5580 mm
A Overall length (with attachment)	9940 mm	10650 mm
B Overall height (with attachment)	3170 mm	3360 mm
C Minimum cab height	3170 mm	3240 mm
D Maximum cab height	5470 mm	5540 mm
E Cab riser stroke	2300 mm	2300 mm
F Upper structure overall width	2980 mm	2980 mm
G Swing (rear end) radius	2750 mm	2950 mm
H Counterweight ground clearance	1040 mm	1100 mm
I Minimum ground clearance	460 mm	460 mm
J Wheel base (Center to center of wheels)	3660 mm	3840 mm
K Crawler overall length	4470 mm	4650 mm
L Track gauge	2390 mm	2590 mm
M Undercarriage overall width (with 600 mm shoes)	2990 mm	3190 mm
N Crawler tracks height	920 mm	940 mm

# CXB HYDRAULIC EXCAVATORS

CX210B MH

## Performance data

With 6.8 m standard boom

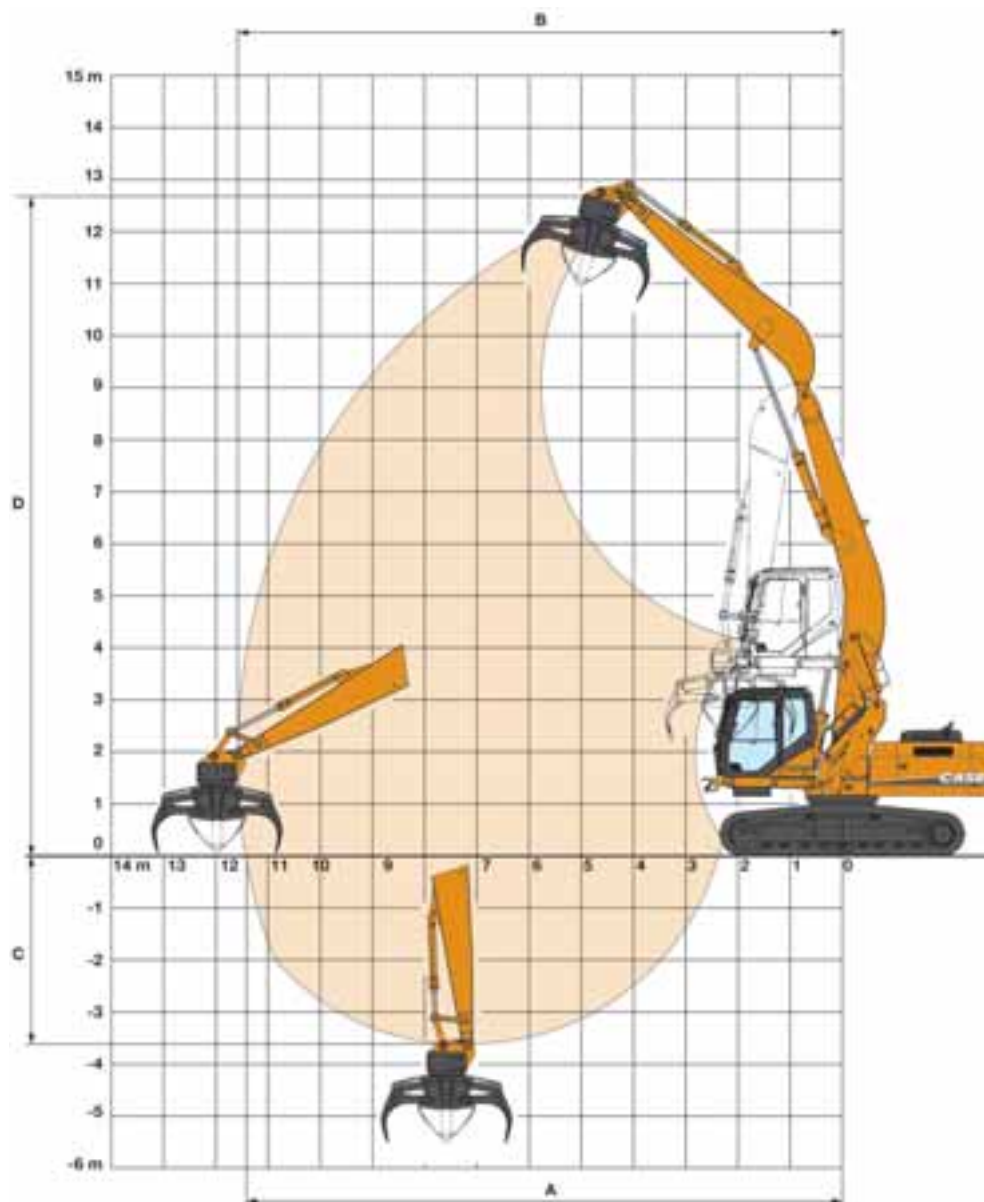


		<b>Arm 4.8 m</b>
	Boom length	6800 mm
A	Maximum reach at GRP	11140 mm
B	Maximum reach	11290 mm
C	Maximum depth	2770 mm
D	Maximum height	12680 mm



## Performance data

With 7.1 m standard boom



**Arm 5.0 m**

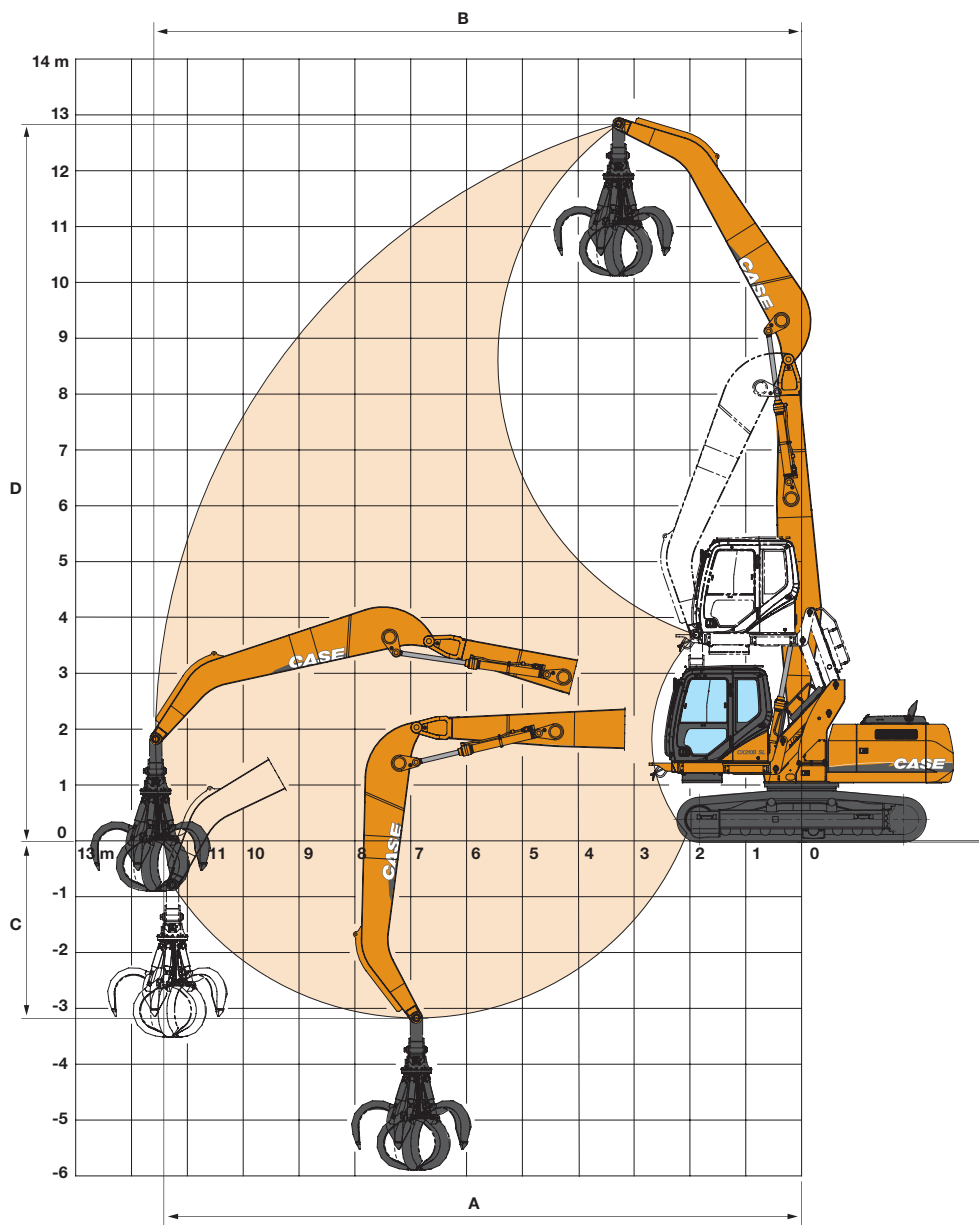
	<b>Boom length</b>	<b>7100 mm</b>
<b>A</b>	<b>Maximum reach at GRP</b>	<b>11420 mm</b>
<b>B</b>	<b>Maximum reach</b>	<b>11580 mm</b>
<b>C</b>	<b>Maximum depth</b>	<b>3660 mm</b>
<b>D</b>	<b>Maximum height</b>	<b>12630 mm</b>

# CXB HYDRAULIC EXCAVATORS

CX210B SL

## Performance data

With 6.8 m standard boom



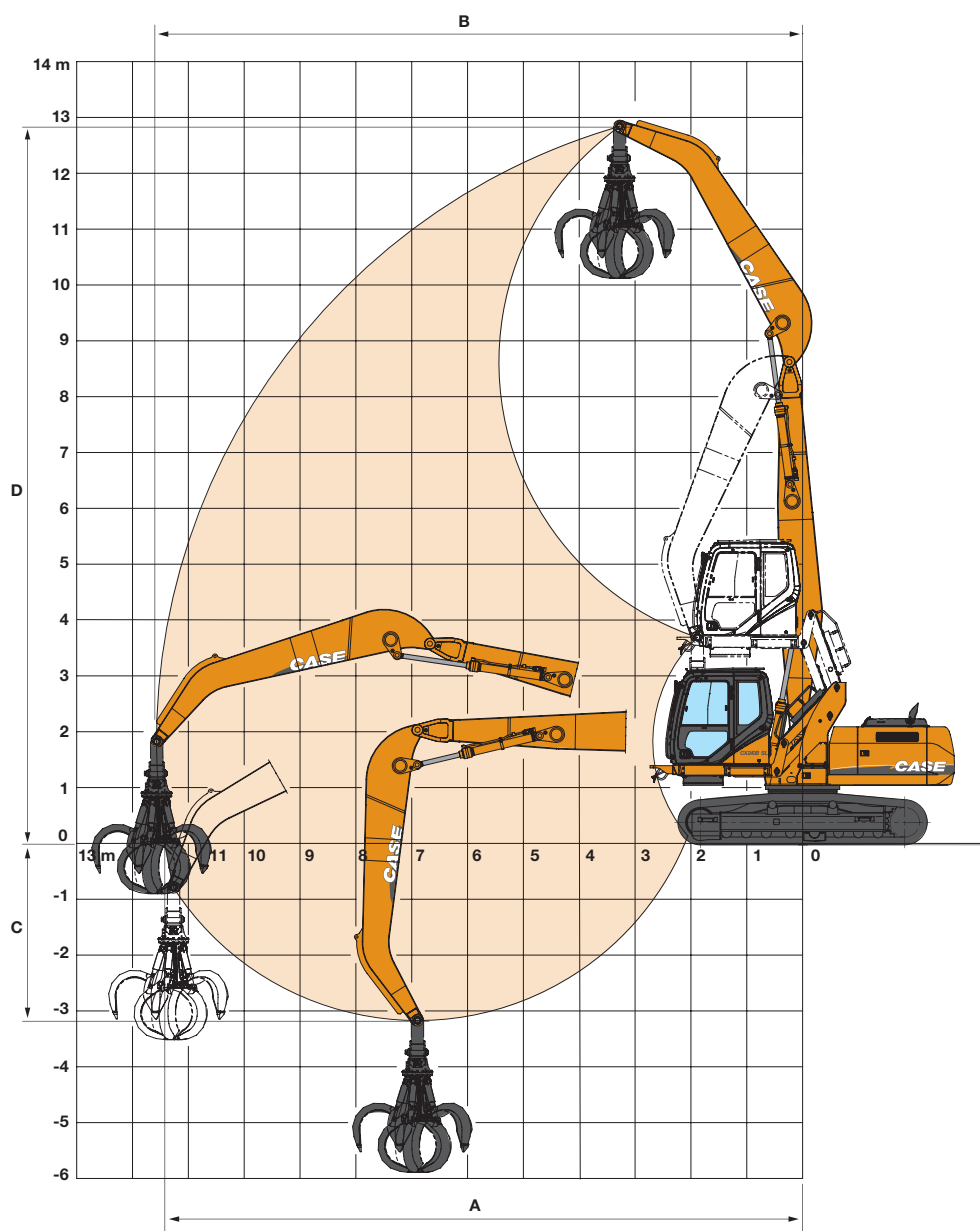
Arm 5.2 m

	Boom length	6800 mm
A	Maximum reach at GRP	11140 mm
B	Maximum reach	11570 mm
C	Maximum depth	3170 mm
D	Maximum height	12840 mm



## Performance data

With 7.1 m standard boom



Arm 5.80 m

	Boom length	7400 mm
A	Maximum reach at GRP	12780 mm
B	Maximum reach	12920 mm
C	Maximum depth	3930 mm
D	Maximum height	14380 mm

# CXB HYDRAULIC EXCAVATORS

## Lifting capacity CX210B MH

Front 360°	REACH									
	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m

### 4.80 arm length, 700G shoes

12.0 m				6955*	6955*															
11.0 m						5874*	5874*	5381*	5381*											
10.0 m						5562*	5562*	5086*	5086*	4753*	4753*									
9.0 m								4958*	4958*	4612*	4612*	4353*	3815							
8.0 m						5423*	5423*	4950*	4950*	4582*	4582*	4291*	3845	4066*	3048					
7.0 m						5569*	5569*	5047*	5047*	4637*	4637*	4307*	3818	4041*	3054	3791*	2444			
6.0 m						5863*	5863*	5244*	5244*	4764*	4735	4381*	3748	4071*	3018	3813*	2447			
5.0 m				7378*	7378*	6298*	6298*	5528*	5528*	4950*	4580	4499*	3644	4137*	2952	3795	2415			
4.0 m		10675*	10675*	8291*	8291*	6848*	6848*	5877*	5635	5176*	4390	4645*	3516	4224*	2866	3740	2363	3156	1954	
3.0 m		12682*	12682*	9317*	9317*	7446*	7038	6251*	5316	5418*	4179	4800*	3373	4317*	2770	3673	2301	3124	1923	
2.0 m				10224*	9068	7993*	6530	6597*	4997	5642*	3968	4942*	3228	4263	2671	3604	2236	3086	1887	
1.0 m				7808*	7808*	8381*	6103	6860*	4715	5814*	3775	4983	3095	4164	2579	3539	2175	3050	1854	
0 m		2795*	2795*	6210*	6210*	8539*	5796	6990*	4495	5899*	3618	4860	2982	4080	2501	3486	2125	3025	1831	
-1.0 m				6129*	6129*	8442*	5610	6954*	4344	5799	3503	4769	2899	4018	2443	3450	2091			
-2.0 m						8085*	5523	6727*	4260	5690*	3434	4714	2848	3984	2412					

### 4.80 arm length, 600G shoes

12.0 m				6955*	6955*															
11.0 m						5874*	5874*	5381*	5381*											
10.0 m						5562*	5562*	5086*	5086*	4753*	4737									
9.0 m								4958*	4958*	4612*	4612*	4353*	3750							
8.0 m						5423*	5423*	4950*	4950*	4582*	4582*	4291*	3781	4066*	2992					
7.0 m						5569*	5569*	5047*	5047*	4637*	4637*	4307*	3754	4041	2998	3751	2395			
6.0 m						5863*	5863*	5244*	5244*	4764*	4659	4381*	3684	4071*	2962	3753	2397			
5.0 m				7378*	7378*	6298*	6298*	5528*	5528*	4950*	4505	4499*	3580	4137*	2896	3719	2365			
4.0 m		10675*	10675*	8291*	8291*	6848*	6848*	5877*	5543	5176*	4314	4645*	3451	4224*	2810	3664	2313	3089	1910	
3.0 m		12682*	12682*	9317*	9317*	7446*	6922	6251*	5224	5418*	4104	4800*	3308	4283	2714	3598	2251	3056	1879	
2.0 m				10224*	8908	7993*	6414	6598*	4905	5642*	3892	4942*	3164	4177	2615	3528	2186	3018	1843	
1.0 m				7808*	7808*	8381*	5986	6860*	4624	5814*	3700	4882	3030	4078	2523	3463	2125	2983	1810	
0 m		2795*	2795*	6210*	6210*	8539*	5680	6990*	4403	5807	3542	4760	2918	3994	2445	3410	2075	2958	1786	
-1.0 m				6129*	6129*	8442*	5493	6954*	4252	5680	3427	4669	2834	3932	2387	3374	2042			
-2.0 m						8085*	5406	6727*	4169	5604*	3359	4614	2784	3898	2356					

\* Hydraulic capacity 87%

# Lifting capacity CX210B SL

Front 360°	REACH									
	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m

## 5.20 arm length, 700G shoes

12.0 m				7046*	7046*															
11.0 m						6000*	6000*	5538*	5538*											
10.0 m						5674*	5674*	5228*	5228*	4919*	4919*									
9.0 m								5096*	5096*	4772*	4772*	4530*	3946							
8.0 m						5534*	5534*	5090*	5090*	4742*	4742*	4466*	3975	4254*	3193					
7.0 m						5692*	5692*	5196*	5196*	4803*	4803*	4486*	3951	4229*	3200	3894*	2601			
6.0 m						6005*	6005*	5407*	5407*	4940*	4862	4567*	3888	4263*	3467	3977	2604			
5.0 m				7528*	7528*	6469*	6469*	5711*	5711*	5140*	4722	4695*	3794*	4336*	3108	3947	2575			
4.0 m		10878*	10878*	8498*	8498*	7056*	7056*	6085*	5791	5384*	4549	4852*	3678	4431*	3031	3897	2529	3317	2122	
3.0 m		13013*	13013*	9592*	9592*	7696*	7234	6486*	5500	5644*	4358	5020*	3548	4534*	2943	3837	2473	3287	2094	
2.0 m				10563*	9368	8282*	6771	6860*	5211	5887*	4166	5176*	3417	4437	2853	3774	2414	3253	2062	
1.0 m				7881*	7881*	8704*	6382	7145*	4954	6075*	3991	5176	3296	4347	2770	3716	2359	3221	2032	
0 m		2889*	2889*	6292*	6292*	8886*	6103	7293*	4753	6150	3847	5064	3193	4271	2699	3667	2313	3198	2010	
-1.0 m				6215*	6215*	8803*	5933	7269*	4616	6034	3743	4981	3117	4215	2646	3634	2283			
-2.0 m						8453*	5853	7049*	4539	5965	3680	4931	3071	4184	2618					

## 5.20 arm length, 600G shoes

12.0 m				7046*	7046*															
11.0 m						6000*	6000*	5538*	5538*											
10.0 m						5674*	5674*	5228*	5228*	4919*	4853									
9.0 m								5096*	5096*	4772*	4772*	4530	3882							
8.0 m						5534*	5534*	5090*	5090*	4742*	4742*	4466*	3910	4254*	3137					
7.0 m						5692*	5692*	5196*	5196*	4803*	4803*	4486*	3887	4229*	3144	3894*	2551			
6.0 m						6005*	6005*	5407*	5407*	4940*	4786	4567*	3824	4263*	3111	3902	2554			
5.0 m				7528*	7528*	6469*	6469*	5711*	5711*	5140*	4646	4695*	3730	4336*	3052	3871	2526			
4.0 m		10878*	10878*	8498*	8498*	7056*	7056*	6085*	5699	5384*	4474	4852*	3613	4431*	2974	3822	2479	3249	2077	
3.0 m		13013*	13013*	9592*	9592*	7696*	7118	6486*	5409	5644*	4283	5020*	3484	4448	2887	3762	2423	3220	2050	
2.0 m				10563*	10563*	8282*	6655	6860*	5119	5887*	4090	5176*	3353	4351	2797	3699	2364	3186	2017	
1.0 m				7881*	7881*	8704*	6266	7145*	4862	6075*	3915	5075	3231	4261	2713	3640	2309	3154	1987	
0 m		2889*	2889*	6292*	6292*	8886*	5986	7293*	4662	6030	3772	4964	3129	4185	2643	3591	2263	3131	1966	
-1.0 m				6215*	6215*	8803*	5816	7269*	4524	5914	3667	4881	3053	4128	2590	3559	2233			
-2.0 m						8453*	5737	7049*	4448	5845	3604	4831	3007	4097	2562					

\* Hydraulic capacity 87%



# CXB HYDRAULIC EXCAVATORS

## Lifting capacity CX240B MH

Front 360°	REACH									
	2.0 m	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m

### 5.0 arm length, 700G shoes

12.0 m						7597*	7597*													
11.0 m								7044*	7044*	5946*	5946*									
10.0 m								6727*	6727*	6436*	6436*	5962*	5601							
9.0 m								6618*	6618*	6310*	6310*	6069*	5668	5440*	4612					
8.0 m								6684*	6684*	6335*	6335*	6046*	5668	5816*	4643					
7.0 m								6914*	6914*	6487*	6487*	6132*	5620	5840*	4623	5463	3847			
6.0 m						7997*	7997*	7304*	7304*	6752*	6752*	6305*	5532	5940*	4569	5438	3824			
5.0 m				10128*	10128*	8795*	8795*	7835*	7835*	7112*	6665	6547*	5411	6094*	4487	5385	3774	4598	3198	
4.0 m	21815*	21815*	15057*	15057*	11749*	11749*	9781*	9781*	8473*	8152	7537*	6454	6834*	5266	6272	4387	5314	3708	4559	3162
3.0 m			18561*	18561*	13548*	13548*	10845*	1022	69151*	7804	7988*	6222	7138*	5106	6152	4276	5233	3632	4510	3115
2.0 m			5443*	5443*	5126*	13440	1817*	9676	9785*	7457	8414*	5990	7189	4945	6030	4162	5149	3553	4456	3064
1.0 m			4125*	4125*	9931*	9931*	12536*	9213	10288*	7149	8551	5777	7026	4794	5915	4055	5069	3478	4404	3016
0 m			4431*	4431*	8204*	8204*	12906*	8876	10508	8690	5835	5559	9688	5466	5581	4396	5000	3413	4361	2974
-1.0 m			5152*	5152*	8013*	8013*	12914*	8662	10311	6731	8206	5464	6774	4563	5735	3888	4946	3362	4331	2947
-2.0 m					8356*	8356*	12576*	8548	10190	6623	8107	5375	6699	4494	5681	3838	4913	3332		
-3.0 m							11903*	8511	10033*	6575	8057	5330	6660	4459	5657	3815				

### 5.0 arm length, 600G shoes

12.0 m						7597*	7597*													
11.0 m								7044*	7044*	5946*	5946*									
10.0 m								6727*	6727*	6436*	6436*	5962*	5553							
9.0 m								6618*	6618*	6310*	6310*	6069*	5620	5440*	4571					
8.0 m								6684*	6684*	6335*	6335*	6046*	5620	5816*	4602					
7.0 m								6914*	6914*	6487*	6487*	6132*	5572	5840*	4582	5409	3811			
6.0 m						7997*	7997*	7304*	7304*	6752*	6752*	6305*	5484	5940*	4527	5383	3787			
5.0 m				10128*	10128*	8795*	8795*	7835*	7835*	7112*	6608	6547*	5363	6094*	4446	5331	3737	4549	3166	
4.0 m	21815*	21815*	15057*	15057*	11749*	11749*	9781*	9781*	8473*	8084	7537*	6397	6834*	5218	6210	4345	5260	3671	4511	3129
3.0 m			18561*	18561*	13548*	13548*	10845*	10139	9151*	7735	7988*	6166	7138*	5058	6090	4234	5179	3595	4461	3082
2.0 m			5443*	5443	5126*	13320	11817*	9588	9785*	7389	8414*	5933	7117	4897	5968	4121	5095	3516	4407	3031
1.0 m			4125*	4125	9931*	9931*	12536*	9125	10288*	7081	8465	5721	6953	4747	5853	4013	5015	3441	4356	2983
0 m			4431*	4431	8204*	8204*	12906*	8789	10401	6836	8268	5543	6812	4617	5752	3920	4945	3376	4312	2942
-1.0 m			5152*	5152	8013*	8013*	12914*	8575	10204	6662	8119	5408	6702	4516	5673	3846	4891	3326	4283	2914
-2.0 m					8356*	8356*	12576*	8460	10082	6555	8021	5319	6626	4446	5619	3796	4859	3295		
-3.0 m							11903*	8423	10028	6507	7971	5274	6588	4411	5595	3774				

\* Hydraulic capacity 87%

# Lifting capacity CX240B SL

Front 360°	REACH										
	3.0 m	4.0 m	5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m	12.0 m	13.0 m

## 5.80 arm length, 700G shoes

14.0 m			7688*	7688*																		
13.0 m					8033*	8033*	6589*	6589*														
12.0 m							7489*	7489*	6802*	6802	4785*	4785										
11.0 m							7103*	7103*	6740*	6740*	6475*	5530	4782*	4441								
10.0 m									6553*	6553*	6278*	5603	6064*	4546	4254*	3701						
9.0 m									6502*	6502*	6209*	5614	5964*	4575	5401	3768						
8.0 m									6951*	6951*	6571*	6571*	6243*	5577	5961*	4558	5408	3774	4556	3140		
7.0 m									7207*	7207*	6754*	6754*	6366*	5498	6033*	4505	5377	3745	4555	3139		
6.0 m									7617*	7617*	7044*	6690	6567*	5380	6166*	4422	5318	3690	4523	3109	3877	2628
5.0 m					9124*	9124*	8170*	8170*	7427*	6480	6832*	5230	6220	4314	5238	3614	4472	3060	3853	2606		
4.0 m	12886*	12866*	12022*	12022*	10136*	10136*	8833*	7926	7877*	6231	7142*	5054	6084	4188	5142	3525	4407	2999	3815	2570		
3.0 m	18539*	18539*	13884*	13884*	11248*	9930	9547*	7521	8355*	5959	7131	4863	5937	4052	5037	3427	4334	2930	3769	2526		
2.0 m	5627*	5627*	15612*	12997	12297*	9287	10226*	7115	8486	5685	6921	4670	5789	3914	4931	3327	4260	2860	3720	2480	3281	2168
1.0 m	3226*	3226*	9122*	9122*	13108*	8730	10377	6749	8206	5432	6725	4490	5648	3783	4831	3233	4189	2793	3675	2437		
0 m	3185*	3185*	6690*	6690*	13393	8313	10041	6452	7969	5218	6555	4334	5525	3668	4742	3150	4127	2735	3637	2401		
-1.0 m	3694*	3694*	6295*	6295*	11658*	8038	9798	6237	7787	5053	6419	4209	5425	3575	4670	3082	4080	2691	3612	2377		
-2.0 m			6536*	6536*	10677*	7883	9641	6099	7662	4940	6322	4120	5353	3509	4620	3036	4050	2662				
-3.0 m					10626*	7821	9562	6029	7592	4876	6266	4069	5312	3471	4596	3013						

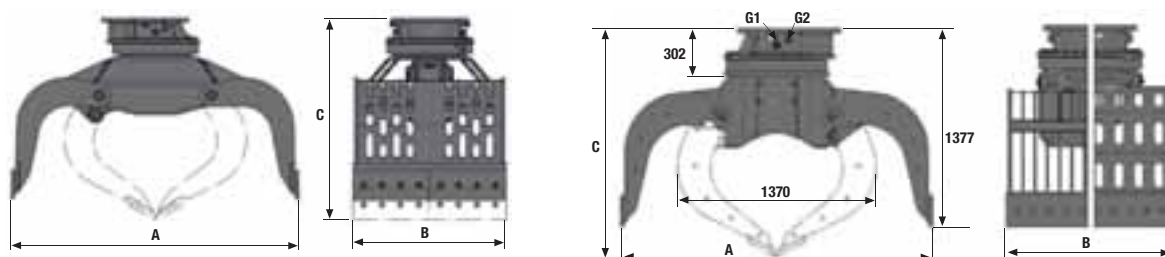
## 5.80 arm length, 600G shoes

14.0 m			7688*	7688*																		
13.0 m					8034*	8034*	6589*	6589*														
12.0 m							7490*	7490*	6802*	6754												
11.0 m							7103*	7103*	6740*	6740*	6475*	5484	4783*	4400								
10.0 m									6553*	6553*	6277*	5555	6064*	4505	4254*	3665						
9.0 m									6502*	6502*	6209*	5566	5964*	4534	5347	3731						
8.0 m									6951*	6951*	6571*	6571*	6243*	5530	5961*	4517	5355	3738	4509	3108		
7.0 m									7207*	7207*	6754*	6754*	6366*	5450	6033*	4464	5324	3709	4507	3106		
6.0 m									7617*	7617*	7044*	6635	6567*	5333	6166*	4381	5265	3654	4476	3077	3834	2599
5.0 m					9124*	9124*	8170*	8170*	7427*	6425	6832*	5183	6159	4273	5184	3578	4424	3028	3810	2577		
4.0 m	12866*	12866*	12022*	12022*	10136*	10136*	8833*	7858	7877*	6176	7141*	5007	6023	4147	5088	3488	4359	2966	3772	2540		
3.0 m	18539*	18539*	13884*	13884*	11248*	9843	9547*	7454	8355*	5903	7059	4816	5876	4011	4984	3390	4286	2898	3725	2497		
2.0 m	5627*	5627*	15612*	12878	12297*	9201	10226*	7047	8401	5629	6850	4623	5727	3873	4878	3291	4212	2828	3678	2451	3242	2141
1.0 m	3226*	3226*	9122*	9122*	13107*	8644	10271	6681	8120	5376	6654	4443	5587	3742	4777	3197	4141	2761	3631	2407		
0 m	3185*	3185*	6690*	6690*	13252	8227	9935	6385	7884	5162	6483	4287	5464	3627	4688	3113	4079	3703	3594	2371		
-1.0 m	3694*	3694*	6295*	6295*	11658*	7952	9692	6169	7702	4997	6348	4162	5364	3534	4616	3046	4031	2658	3569	2347		
-2.0 m			6536*	6536*	10677*	7797	9535	6031	7577	4884	6251	4073	5292	3468	4567	2999	4002	2627				
-3.0 m					10625*	7734	9456	5962	7506	4821	6195	4021	5251	3430	4542	2976						

\* Hydraulic capacity 87%

# CXB HYDRAULIC EXCAVATORS

## Material handling attachments

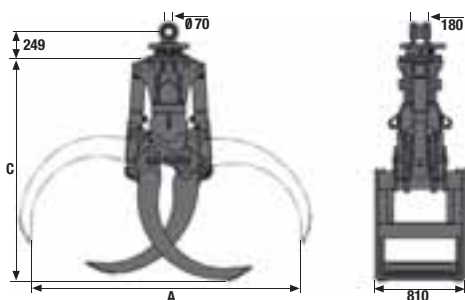


### CX210B

	Model	Width (B)	Opening range (A)	Height (C)	Volume	Weight
Demolition & sorting grab	D20H-100	1000 mm	1885 mm	1353 mm	450 l	980 kg
Demolition & sorting grab	D20H-P-100	1000 mm	1885 mm	1353 mm	450 l	1015 kg
HD- demolition & sorting grab	D20H-P-100HD	1115 mm				

### CX240B

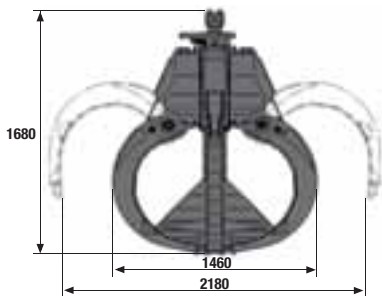
	Model	Width (B)	Opening range (A)	Height (C)	Volume	Weight
Demolition & sorting grab (metal ribs)	D27H-115	1150 mm	2142 mm	1515 mm	800 l	1610 kg
Demolition & sorting grab	D27H-P-115	1515 mm	2142 mm	1515 mm	800 l	1515 kg
HD- demolition & sorting grab	D24H-P-100HD	1000 mm	1992 mm	1456 mm	570 l	1315 kg



### CX240B

	Model	Width (B)	Opening range (A)	Height (C)	Volume	Weight
Timber grab	T25V-0.80	810 mm	2100 mm	2090 mm	0.80 m <sup>2</sup>	1225 kg
	T25V-1.00	810 mm	2250 mm	2155 mm	1.00 m <sup>2</sup>	1235 kg
	T25V-1.25	810 mm	2420 mm	2245 mm	1.25 m <sup>2</sup>	1265 kg
	T25V-1.50	810 mm	2780 mm	2405 mm	1.50 m <sup>2</sup>	1340 kg





## CX210B

	Model	Width (closed)	Opening range (A)	Height (closed)	Volume	Weight
Orange Peel Grab 4 tines	P20V-450-4F	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	1060 kg
	P20V-450-4H	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	920 kg
	P20V-450-4W	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	830 kg
	P20V-450-4T	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	810 kg
Orange Peel Grab 5 tines	P20V-450-5F	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	1145 kg
	P20V-450-5H	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	1035 kg
	P20V-450-5W	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	970 kg
	P20V-450-5T	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	930 kg

## CX240B

	Model	Width (closed)	Opening range (A)	Height (closed)	Volume	Weight
Orange Peel Grab 4 tines	P25V-550-4-F	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	1060 kg
	P25V-550-4-H	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	920 kg
	P25V-550-4-W	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	830 kg
	P25V-550-4-T	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	810 kg
Orange Peel Grab 5 tines	P25V-550-5-H	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	1035 kg
	P25V-550-5-W	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	970 kg
	P25V-550-5-T	1370 mm	1910 mm	1550 mm	450 m <sup>2</sup>	930 kg
Orange Peel Grab 6 tines	P35V-600-5-T	1440 mm	2220 mm	2075 mm	600 m <sup>2</sup>	1560 kg
	P35V-800-6-W	1480 mm	2250 mm	1820 mm	800 m <sup>2</sup>	1555 kg
	P35V-800-6-T	1480 mm	2250 mm	1820 mm	800 m <sup>2</sup>	1505 kg

# Standard equipment

## ENGINE CONTROL

Isuzu Tier III Engine EU stage IIIA  
Electronic control of the injection system  
Automatic engine pre-heating  
Automatic/manual engine return to idle  
Exhaust Gas Recirculator  
Emergency stop  
Electrical refuel pump with automatic stop  
Fuel filter with water separator

## HYDRAULIC CONTROL

Auto / Heavy / Super Power working modes  
Pump torque variable control  
Automatic Power boost control  
Boom priority  
Swing brake control  
High performance "Super Fine" synthetic fiber hydraulic filter (high contamination catch)  
2 travel speeds with auto down shifting  
Double acting auxiliary circuit for grapple on boom and dipper  
Low flow circuit for rotating on boom and dipper  
HBCV w/ alarm device on boom cylinders

## OPERATOR ENVIRONMENT

2.3 m hydraulic elevating high rigidity cab system with safety glass  
Strengthened main frame & HD under covers.  
Extra safety steps & emergency ladder on rear  
Adjustable and retractable armrest console with position memory  
Safety lever  
Self adjusting Air conditioning and heating system

Cup holder  
High visibility side monitor display with automatic brightness  
Messages (function, temperature, safety, ...) on the display  
Integrated diagnostic system  
Working modes (Auto/Heavy/Super Power) combined with engine throttle  
Anti-theft device  
Hourmeter  
Selectable auxiliary hydraulic flow pre-settings  
RH front console with clock and cell phone holder  
High capacity shock absorbers on cab with 4 points mountings  
Rain deflector  
Windscreen with lockable opening  
Windscreen washer and wiper  
Removable lower front windscreen with storage location in cab  
Glass cab roof window and sliding sun shade  
ISO control pattern low effort & short joysticks  
Adjustable sun visor  
Washable cab floor mat  
Rear view mirror and safety mirrors  
Storage compartments  
Integrated cool box  
12 V and 24 V DC accessory sockets

## OPERATOR SEAT

Fully adjustable low frequency mechanical suspension seat including double acting

hydraulic damper  
Weight adjustment  
Height / fore & aft adjustment  
Adjustable head rest  
Adjustable seat back angle with fully flat seat reclining  
Adjustable arm rest  
Safety belt

## ELECTRICAL SYSTEM

Water proof connectors  
Double horn  
Working light on the cab  
Working light on upperstructure  
Working light on the boom

## UNDERCARRIAGE

600 mm track width  
Sealed and long life lubricated tracks

## EQUIPMENT

Heavy Counterweight  
Long boom with dual cylinders  
Extra long material handling or Scraploader stick  
EMS (Extended Maintenance System) pins and bushings as Standard  
1000 hours lubrication interval for all, except buckets pins at 250 hours  
Low friction resin side shims on boom and dipper

## Options

600 mm flat shoe tracks  
700 mm ground shoe tracks  
Triple piece track guides  
FOPS level 2 cab guard

Front screen guard (mesh type)  
Front screen guard OPG level 1  
Front screen guard OPG level 2  
Height limitation system

GPS (Global Positioning System) by satellite  
Centralized greasing system automatically actuated by an electrical grease pump

*Standard and optional equipment shown can vary by country.*

## Worldwide Case Construction Equipment Contact Information

### EUROPE:

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10137 TORINO - ITALIA

### AFRICA/MIDDLE EAST/CIS:

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Racine, WI 53404 U.S.A.

### LATIN AMERICA:

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32210 - 900 Contagem - MG  
Belo Horizonte BRAZIL

### ASIA PACIFIC:

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New South Wales - 2148 AUSTRALIA

### CHINA:

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De Bao Road, Waigaoqiao Ftz, Pudong,  
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**CASE** Customer Assistance  
**00800-2273-7373**

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.



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 reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 98/37/CE



Test it at the CASE Customer Centre Paris!

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