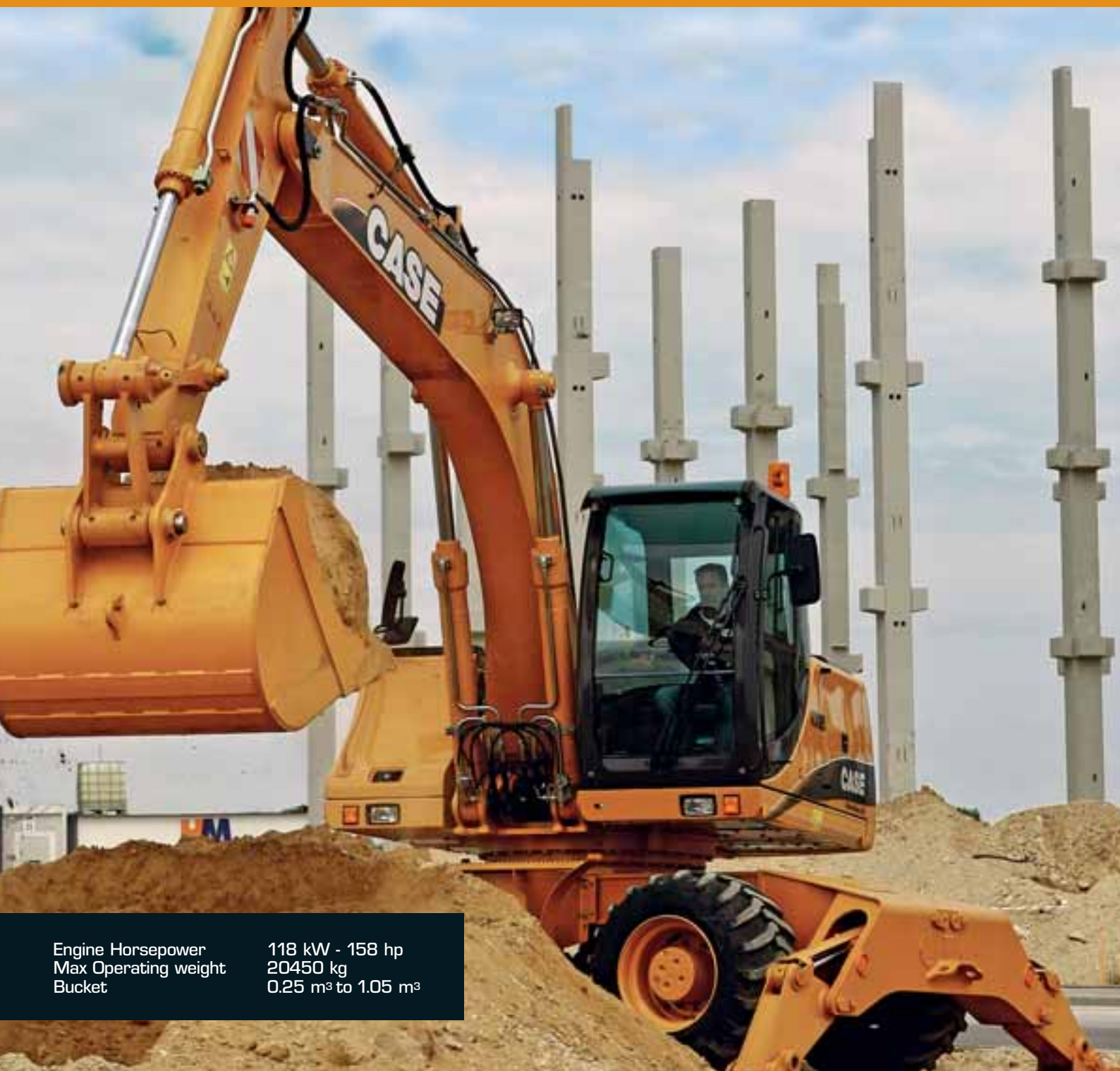




# WHEELED EXCAVATOR **WX185 - Series 2**



Engine Horsepower  
Max Operating weight  
Bucket

118 kW - 158 hp  
20450 kg  
0.25 m<sup>3</sup> to 1.05 m<sup>3</sup>

## SERVICE ACCESS

The WX series of wheeled excavators use the latest Family III Case diesel engines. All engines feature extended 500 hour service intervals, for minimal downtime, and the machines have easy access to all service and diagnostic points. An ecological oil drain reduces the risk of ground contamination during regular maintenance work.

**Ease of service. Minimum downtime.**



## OPERATOR SECURITY

Large volume fully glazed cab features outstanding visibility all around the machine. An air suspension seat and tilting steering column ensure that all operators can achieve a comfortable driving position, reducing fatigue and increasing productivity. Automatically operating brakes and front axle lock, along with direction control switch on the joystick reduce operator effort, while Digipower management and fine grading mode allow the operator total control of the engine and hydraulic power.

**Reduced fatigue. Maximum productivity.**

## CASE PERFORMANCE

The WX machines have a compact upperstructure that promotes high lifting and digging performance. With full blade and stabiliser independence, and mechanically lockable stabiliser pads, the WX excavators offer a solid working platform. High engine output with Power Boost function ensures total productivity, while a PowerShift transmission allows optional travel speeds of 30 km/h with on-the-move gear shifting. Quick coupler compatible with previous generation machines and quick connectors on auxiliary hydraulics provides rapid changeover between attachments, increasing machine versatility.

**Designed to work. Built to perform.**



## SECURE OPERATION

Case inching and extra slow speed setting, along with road travel mode swing and attachment cut-out, provide safe operation in all conditions. Engine safe warm-up control and automatic battery cut-off reduce the possibility of damage to the engine and hydraulic system at start-up. Stabiliser cylinder protection cuts the risk of damage in rough ground and abrasive material. Integrated anti-theft device provides peace of mind for Case WX customers.

**Safety First. Investment Protection.**



## ENGINE



The WX185 uses a six cylinder Case engine for maximum torque and smooth power. This EU Tier III compliant engine is turbocharged and intercooled for optimised clean combustion and high power output. The engine has been designed for maximum reliability and durability, with an auto warm-up feature ensuring long service life and minimal downtime.

## UNDERCARRIAGE



A two speed range transmission offers an optional maximum travel speed between job sites of 30 km/h. Excellent ground clearance, with the option of a two-piece drive shaft, offers true off-road capability for maximum versatility on site. As with all Case WX machines the WX185 has the Case inching control, which allows the operator to gradually move the machine for safe and accurate positioning. The machine is available with single wheels or double wheels with a twinning ring, allowing the customer to tailor the layout to meet their application.

## VISIBILITY



Large glass area with two-piece full height front windscreen offers unparalleled visibility all around the machine. The operator has a clear view to the work area when digging and loading, and to the road ahead when travelling the machine between job sites. A low engine canopy to the rear of the machine provides a clear view behind the excavator when manoeuvring on confined sites.

## OPERATOR'S CAB

Ergonomic design with large tinted glass area provides feeling of space and excellent all round visibility, ensuring safe operation on site. Large roof window with shade, fully adjustable suspension seat, adjustable tilt steering column and exceptionally low internal noise levels allow fatigue-free operation and full day productivity. Large LCD display provides all operating information and diagnostic functions, along with integrated working mode display. All major operating controls, including travel direction, attachment and blade/stabiliser selection, levelling mode and power boost function are integrated into the joystick levers, reducing operator effort and ensuring total control of the machine.





## HYDRAULICS



Clean, easy to maintain hydraulic valve layout. The Case Digipower hydraulic control system monitors the main pumps and regulates engine power to meet the needs of the operator. The WX machines offer a range of selectable power levels, for specific digging and lifting tasks, including a levelling mode for fine grading work. PowerBoost is standard in the lifting modes and works for 8 seconds in all other modes on request.

## STABILIZERS



Customers can choose between a stabilisers, blade or a combination of the two, thanks to the modular design of the Case WX chassis. The stabilisers and dozer blade are independently controlled, to allow for levelling on rough ground.

## ACCESSIBILITY



Even with the reduced tail radius of the Case WX, the machine retains the Case access catwalk behind the cab, offering the service engineer excellent access to the regular service and maintenance points and providing a safe working area. A lift up engine canopy provides a clear view to the top of the engine, the hydraulic valves and the cooling pack.





# SPECIFICATIONS

## ENGINE

Make \_\_\_\_\_ CASE - Family III  
 Model \_\_\_\_\_ 667TA/MEB  
 Type \_\_\_\_\_ 6 cyl. turbo charged, direct injection, intercooler  
 Displacement \_\_\_\_\_ 6.7 l  
 Bore x stroke \_\_\_\_\_ 104 x 132 mm  
 Output power (ISO 14396) \_\_\_\_\_ 118 kW/ 158 hp  
 Rated speed \_\_\_\_\_ 2000 rpm

## HYDRAULIC SYSTEM

Main pumps \_\_\_\_\_ 3 variable displacement, axial piston  
 Total maximum flow \_\_\_\_\_ 2 x 155 lpm + 110 lpm  
 Attachment maximum pressure/PowerBoost 350/370 bar  
 Travel maximum pressure \_\_\_\_\_ 370 bar  
 Swing maximum pressure \_\_\_\_\_ 360 bar

## SWING

Swing speed \_\_\_\_\_ 9 rpm  
 Swing torque \_\_\_\_\_ 55 kNm  
 Tail swing radius \_\_\_\_\_ 2.15 m

## TRAVEL

Maximum travel speed (field range) \_\_\_\_\_ 8 km/h  
 Maximum travel speed (road range) \_\_\_\_\_ 20 or 30 km/h  
 Maximum drawbar pull (field range) \_\_\_\_\_ 115 kN

## ELECTRICAL SYSTEM

Voltage \_\_\_\_\_ 24 V  
 Batteries \_\_\_\_\_ 2 x 12 V - 100 Ah  
 Alternator \_\_\_\_\_ 70 A  
 Automatic isolator switch and 12 V power supply in cab as standard.

## CIRCUIT AND COMPONENT CAPACITIES

Engine oil \_\_\_\_\_ 16 l  
 Cooling circuit \_\_\_\_\_ 30 l  
 Fuel tank \_\_\_\_\_ 360 l  
 Hydraulic tank \_\_\_\_\_ 140 l  
 Swing gear \_\_\_\_\_ 3.5 l

## TYRES

4 wheels \_\_\_\_\_ 18 -19.5 XF  
 8 wheels with twinning rings \_\_\_\_\_ 10.00 - 20  
 \_\_\_\_\_ 11.00-20  
 \_\_\_\_\_ 600/40 - 22.5

# SHIPPING DIMENSIONS AND WEIGHT

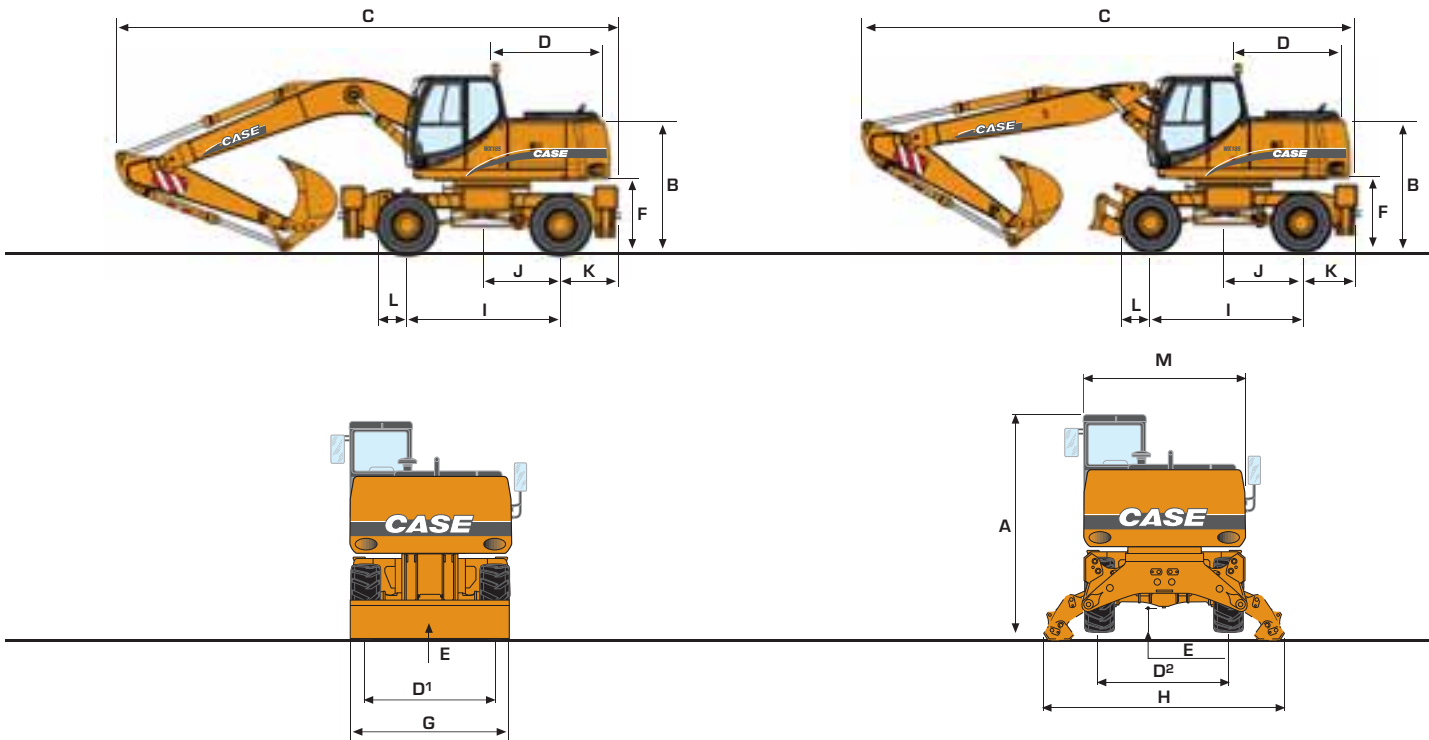
	PL			P2A			P2AL			P4A		
	Rear Blade			Rear Stabilisers			Front Blade + Rear Stab.			4 Stabilisers		
	max	max	kg	max	max	kg	max	max	kg	max	max	kg
	length	height		length	height		length	height		length	height	
MONOBOOM	mm	mm		mm	mm		mm	mm		mm	mm	
Dipper 2.00 m	8573	3100	18650	8573	3100	18700 19200*	8573	3100	19250 19750*	8573	3100	19750
Dipper 2.40 m	8603	3100	18750	8603	3100	18800 19300*	8603	2983	19350 19850*	8603	2983	19850
Dipper 2.80 m	8631	3173	18850	8631	3173	18900 19400*	8631	3173	19450 19950*	8631	3173	19950

	PL			P2A			P2AL			P4A		
	Rear Blade			Rear Stabilisers			Front Blade + Rear Stab.			4 Stabilisers		
	max	max	kg	max	max	kg	max	max	kg	max	max	kg
	length	height		length	height		length	height		length	height	
ARTICULATED BOOM	mm	mm		mm	mm		mm	mm		mm	mm	
Dipper 2.00 m	8724	3100	19200	8724	3100	19300	8724	3100	19700	8724	3100	20250
Dipper 2.40 m	8687	3100	19300	8687	3100	19400	8687	3100	19800	8687	3100	20350
Dipper 2.80 m	8676	3100	19400	8676	3100	19500	8676	3100	19900	8676	3100	20450

Weights are indicated fitted with a 495 kg bucket  
 \* Option counterweight 5.1 t



# GENERAL DIMENSIONS



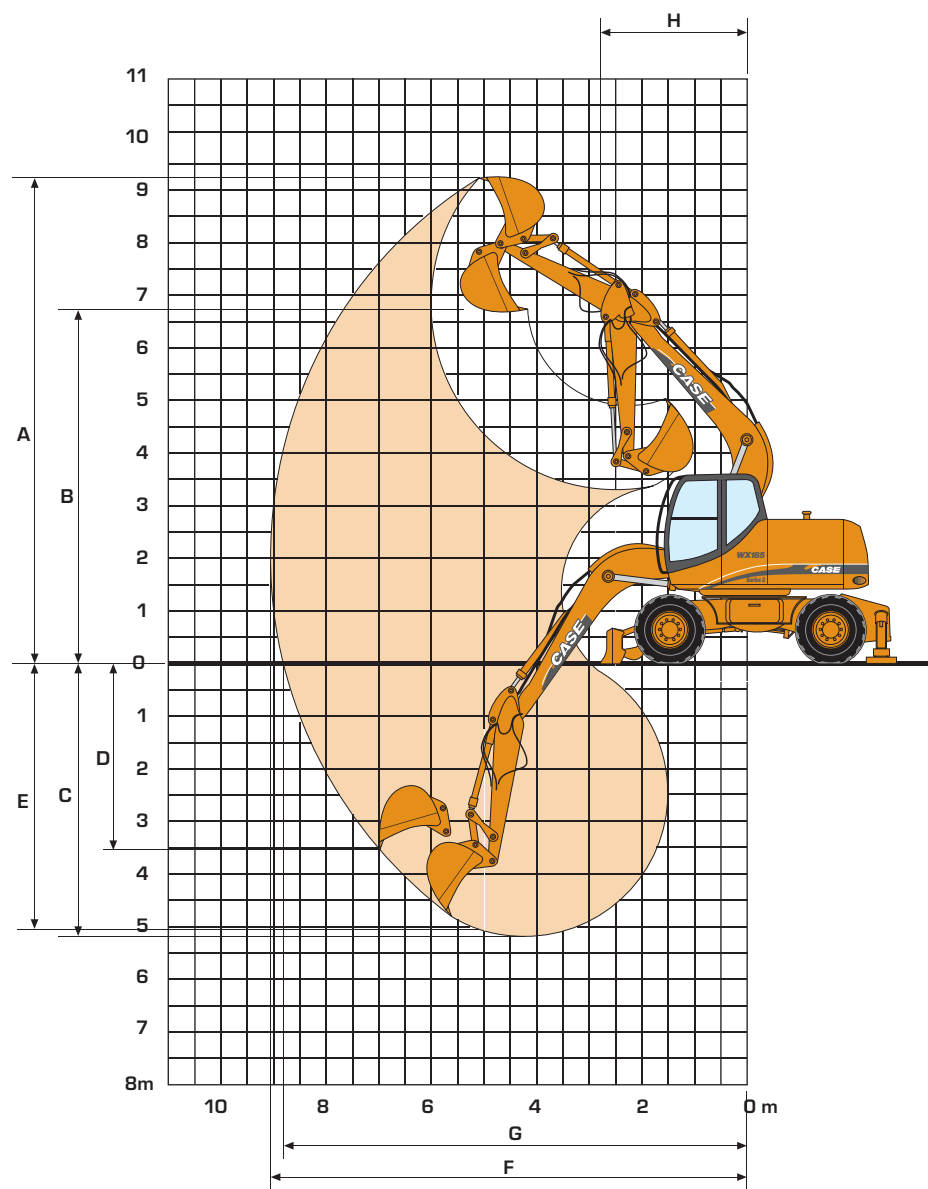
			MONOBOOM	ARTICULATED BOOM
A	Overall height (with attachment)	m	3.10	3.10
B	Height of machine	m	2.40	2.40
C	Overall length	m	8.57	8.72
D	Swing tail radius	m	2.15	2.15
D <sup>1</sup>	Gauge with 4 wheels	m	1.89	1.89
D <sup>2</sup>	Gauge with 8 wheels	m	1.91	1.91
E	Ground clearance of undercarriage	m	0.37	0.37
F	Ground clearance of uppercarriage	m	1.28	1.28
G	Width unit blade/stabilizers	m	2.53/2.54	2.53/2.54
H	Width over stabs (max height)	m	3.73	3.73
I	Wheel base	m	2.65	2.65
J	Dimension rear axle to center		1.20	1.20
K	Rear Stabilisers	m	1.21	1.21
L	Undercarriage front end	m	0.56	0.56
M	Width of uppercarriage	m	2.50	2.50

Tires type 600/40 - 22,5 I-331 Alliance  
 Available with 2.75 m wide axles also.

## BUCKETS

GENERAL PURPOSE									
SAE capacity	l	260	380	500	630	700	760	900	1030
Width	mm	450	600	750	900	1000	1100	1200	1350
Weight	kg	331	370	408	456	482	517	543	606
HEAVY DUTY									
SAE capacity	l	260	380	500	630	700	760	900	1380
Width	mm	450	600	750	900	1000	1100	1200	1350
Weight	kg	357	397	437	487	514	550	577	642

# PERFORMANCE DATA



		MONO BOOM 5.20 m			ARTICULATED BOOM 5.30 m			
DIPPERSTICK		2.00 m	2.40 m	2.80 m	2.00 m	2.40 m	2.80 m	
A	Max. digging height	m	9.0	9.2	9.4	9.9	10.2	10.5
B	Max. loading height	m	6.4	6.6	6.8	7.2	7.5	7.8
C	Max. digging depth	m	5.2	5.6	6.0	5.2	5.6	6.0
D	Max. vert. wall digging depth	m	3.1	3.5	3.8	3.5	3.8	4.1
E	Max. depth of cut for 8' level bottom	m	4.9	5.4	5.8	5.1	5.5	5.9
F	Max. digging reach	m	8.8	9.2	9.6	9.0	9.3	9.7
G	Max. digging reach at ground level	m	8.6	9.0	9.4	8.8	9.2	9.6
H	Min. front swing radius	m	3.2	2.8	2.4	2.7	2.9	3.0
Bucket breakout force (370 bar) SAE		kN	137.7	137.7	137.7	137.7	137.7	137.7
Stick crowd force (370 bar) SAE		kN	111.6	99.3	89.4	111.6	99.3	89.4











# LIFTING CAPACITY

## MONO BOOM

Values are expressed in tons

 Front 90°	REACH										
		 3.0 m	 4.5 m	 6.0 m	 7.5 m	At max reach				m	

2.00 m dipper, counterweight 5.15 t, weight of Quick Coupler 295 kg

7.5 m	Rear dozer up									3.4*	3.4*	5.1
	Rear dozer down									3.4*	3.4*	5.1
	2 set stabs down									3.4*	3.4*	5.1
	Dozer and stabs down									3.4*	3.4*	5.1
6.0 m	Rear dozer up				4.8	2.9				3.0*	2.5	6.5
	Rear dozer down				5.2*	3.3				3.0*	2.8	6.3
	2 set stabs down				5.2*	4.1				3.0*	3.0*	6.5
	Dozer and stabs down				5.2*	5.2*				3.0*	3.0*	6.5
4.5 m	Rear dozer up			6.8*	4.5	4.7	2.8			2.9*	2.0	7.3
	Rear dozer down			6.8*	5.1	5.7*	3.2			2.9*	2.3	7.3
	2 set stabs down			6.8*	6.5	5.7*	4.0			2.9*	2.9*	7.3
	Dozer and stabs down			6.8*	6.8*	5.7*	5.3			2.9*	2.9*	7.3
3.0 m	Rear dozer up			7.1	4.0	4.5	2.6	3.2	1.8	2.9*	1.7	7.7
	Rear dozer down			8.4*	4.7	6.3*	3.0	4.6*	2.1	2.9*	2.3	7.7
	2 set stabs down			8.4*	6.0	6.3*	3.9	4.6*	2.7	2.9*	2.6	7.7
	Dozer and stabs down			8.4*	8.1	6.3*	5.1	4.6*	3.6	2.9*	2.9*	7.7
1.5 m	Rear dozer up			6.6	3.6	4.3	2.4	3.1	1.7	2.9	1.6	7.8
	Rear dozer down			9.7*	4.3	6.9*	2.8	4.9	2.0	3.2*	1.9	7.8
	2 set stabs down			9.7*	5.5	6.9*	3.6	5.4	2.6	3.2*	2.4	7.8
	Dozer and stabs down			9.7*	7.6	6.9*	4.9	5.5*	3.5	3.2*	3.2*	7.8
0.0 m	Rear dozer up			6.4	3.5	4.2	2.3	3.0	1.7	3.0	1.6	7.6
	Rear dozer down			9.9*	4.1	6.9	2.7	4.7*	2.0	3.6*	1.9	7.6
	2 set stabs down			9.9*	5.3	7.1*	3.5	4.7*	2.5	3.6*	2.5	7.6
	Dozer and stabs down			9.9*	7.4	7.1*	4.8	4.7*	3.4	3.6*	3.4	7.6
-1.5 m	Rear dozer up	10.7*	6.4	6.4	3.4	4.1	2.3			3.3	1.8	7.0
	Rear dozer down	10.7*	7.6	9.2*	4.0	6.7*	2.7			4.6*	2.2	7.0
	2 set stabs down	10.7*	10.4	9.2*	5.3	6.7*	3.5			4.6*	2.8	7.0
	Dozer and stabs down	10.7*	10.7*	9.2*	7.3	6.7*	4.7			4.6*	3.8	7.0
-3.0 m	Rear dozer up	10.1*	6.6	6.5	3.5	4.2	2.4			4.2	2.4	6.0
	Rear dozer down	10.1*	7.8	7.5*	4.1	5.0*	2.8			5.0*	2.8	6.0
	2 set stabs down	10.1*	10.1*	7.5*	5.4	5.0*	3.6			5.0*	3.6	6.0
	Dozer and stabs down	10.1*	10.1*	7.5*	7.5	5.0*	4.8			5.0*	4.8	5.8

\* Hydraulically limited



# LIFTING CAPACITY

## MONO BOOM

Values are expressed in tons

 Front 90°	REACH									
						At max reach		m		

2.40 m dipper, counterweight 5.15 t, weight of Quick Coupler 295 kg

7.5 m	Rear dozer up									2.7*	2.7*	5.7
	Rear dozer down									2.7*	2.7*	5.7
	2 set stabs down									2.7*	2.7*	5.7
	Dozer and stabs down									2.7*	2.7*	5.7
6.0 m	Rear dozer up				4.9	2.9				2.4*	2.2	6.9
	Rear dozer down				4.9*	3.4				2.4*	2.4*	6.9
	2 set stabs down				4.9*	4.2				2.4*	2.4*	6.9
	Dozer and stabs down				4.9*	4.9*				2.4*	2.4*	6.9
4.5 m	Rear dozer up			6.2*	4.6	4.8	2.8	3.2	1.9	2.3*	1.8	7.7
	Rear dozer down			6.2*	5.2	5.3*	3.2	3.4*	2.2	2.3*	2.0	7.7
	2 set stabs down			6.2*	6.2*	5.3*	4.1	3.4*	2.8	2.3*	2.3*	7.7
	Dozer and stabs down			6.2*	6.2*	5.3*	5.3*	3.4*	3.4*	2.3*	2.3*	7.7
3.0 m	Rear dozer up			7.2	4.1	4.6	2.6	3.2	1.8	2.4*	1.5	8.1
	Rear dozer down			7.9*	4.8	6.0*	3.0	5.0	2.1	2.4*	1.8	8.1
	2 set stabs down			7.9*	6.1	6.0*	3.9	5.1*	2.7	2.4*	2.3	8.1
	Dozer and stabs down			7.9*	7.9*	6.0*	5.1	5.1*	3.6	2.4*	2.4*	8.1
1.5 m	Rear dozer up			6.7	3.7	4.3	2.4	3.1	1.7	2.5*	1.5	8.2
	Rear dozer down			9.4*	4.3	6.7*	2.8	4.9	2.0	2.5*	1.7	8.2
	2 set stabs down			9.4*	5.6	6.7*	3.6	5.3*	2.6	2.5*	2.2	8.2
	Dozer and stabs down			9.4*	7.7	6.7*	4.9	5.3*	3.5	2.5*	2.5*	8.2
0.0 m	Rear dozer up	5.7*	5.7*	6.4	3.4	4.2	2.3	3.0	1.6	2.7	1.5	8.0
	Rear dozer down	5.7*	5.7*	9.9*	4.0	6.9	2.7	4.8	1.9	2.9*	1.7	8.0
	2 set stabs down	5.7*	5.7*	9.9*	5.3	7.0*	3.5	5.3	2.5	2.9*	2.3	8.0
	Dozer and stabs down	5.7*	5.7*	9.9*	7.4	7.0*	4.7	5.4*	3.4	2.9*	2.9*	8.0
-1.5 m	Rear dozer up	9.8*	6.2	6.3	3.4	4.1	2.2			3.0	1.6	7.4
	Rear dozer down	9.8*	7.5	9.4*	4.0	6.8*	2.6			3.5*	1.9	7.4
	2 set stabs down	9.8*	9.8*	9.4*	5.2	6.8*	3.4			3.5*	2.5	7.4
	Dozer and stabs down	9.8*	9.8*	9.4*	7.3	6.8*	4.7			3.5*	3.4	7.4
-3.0 m	Rear dozer up	11.3*	6.4	6.4	3.4	4.1	2.3			3.7	2.0	6.5
	Rear dozer down	11.3*	7.7	8.0*	4.0	5.7*	2.7			4.8*	2.4	6.5
	2 set stabs down	11.3*	10.5	8.0*	5.3	5.7*	3.5			4.8*	3.1	6.5
	Dozer and stabs down	11.3*	11.3*	8.0*	7.4	5.7*	4.7			4.8*	4.2	6.5
-4.5 m	Rear dozer up			4.8*	3.6					4.0*	3.2	4.9
	Rear dozer down			4.8*	4.3					4.0*	3.8	4.9
	2 set stabs down			4.8*	4.8*					4.0*	4.0*	4.9
	Dozer and stabs down			4.8*	4.8*					4.0*	4.0*	4.9

\* Hydraulically limited

# LIFTING CAPACITY

## MONO BOOM

Values are expressed in tons

 Front  90°	REACH									
		 3.0 m	 4.5 m	 6.0 m	 7.5 m	At max reach				m

### 2.80 m dipper, counterweight 5.15 t, weight of Quick Coupler 295 kg

7.5 m	Rear dozer up					2.9*	2.9*			2.2*	2.2*	6.2
	Rear dozer down					2.9*	2.9*			2.2*	2.2*	6.2
	2 set stabs down					2.9*	2.9*			2.2*	2.2*	6.2
	Dozer and stabs down					2.9*	2.9*			2.2*	2.2*	6.2
6.0 m	Rear dozer up					4.5*	3.0			2.0*	2.0	7.4
	Rear dozer down					4.5*	3.4			2.0*	2.0*	7.4
	2 set stabs down					4.5*	4.2			2.0*	2.0*	7.4
	Dozer and stabs down					4.5*	4.5*			2.0*	2.0*	7.4
4.5 m	Rear dozer up					4.8	2.9	3.3	1.9	1.9*	1.6	8.1
	Rear dozer down					4.9*	3.3	3.9*	2.2	1.9*	1.9*	8.1
	2 set stabs down					4.9*	4.1	3.9*	2.8	1.9*	1.9*	8.1
	Dozer and stabs down					4.9*	4.9*	3.9*	3.7	1.9*	1.9*	8.1
3.0 m	Rear dozer up	11.6*	7.8	7.3*	4.2	4.6	2.7	3.2	1.8	1.9*	1.4	8.5
	Rear dozer down	11.6*	9.1	7.3*	4.8	5.7*	3.1	4.8*	2.1	1.9*	1.6	8.5
	2 set stabs down	11.6*	11.6*	7.3*	6.1	5.7*	3.9	4.8*	2.7	1.9*	1.9*	8.5
	Dozer and stabs down	11.6*	11.6*	7.3*	7.3*	5.7*	5.2	4.8*	3.6	1.9*	1.9*	8.5
1.5 m	Rear dozer up			6.7	3.7	4.3	2.4	3.0	1.7	2.1*	1.3	8.6
	Rear dozer down			8.9*	4.3	6.4*	2.8	4.9	2.0	2.1*	1.6	8.6
	2 set stabs down			8.9*	5.6	6.4*	3.6	5.2*	2.6	2.1*	2.1	8.6
	Dozer and stabs down			8.9*	7.7	6.4*	4.9	5.2*	3.5	2.1*	2.1*	8.6
0.0 m	Rear dozer up	6.1*	6.1*	6.4	3.4	4.1	2.3	2.9	1.6	2.3*	1.3	8.4
	Rear dozer down	6.1*	6.1*	9.7*	4.0	6.9	2.6	4.8	1.9	2.3*	1.6	8.4
	2 set stabs down	6.1*	6.1*	9.7*	5.3	6.9*	3.5	5.3	2.5	2.3*	2.1	8.4
	Dozer and stabs down	6.1*	6.1*	9.7*	7.3	6.9*	4.7	5.3*	3.4	2.3*	2.3*	8.4
-1.5 m	Rear dozer up	9.2*	6.1	6.2	3.3	4.0	2.2	2.9	1.6	2.7	1.5	7.9
	Rear dozer down	9.2*	7.3	9.6*	3.9	6.8	2.6	4.7	1.8	2.8*	1.7	7.9
	2 set stabs down	9.2*	9.2*	9.6*	5.1	6.8*	3.4	5.1*	2.4	2.8*	2.3	7.9
	Dozer and stabs down	9.2*	9.2*	9.6*	7.2	6.8*	4.6	5.1*	3.3	2.8*	2.8*	7.9
-3.0 m	Rear dozer up	12.3*	6.2	6.3	3.3	4.0	2.2			3.3	1.8	7.0
	Rear dozer down	12.3*	7.5	8.4*	3.9	6.0*	2.6			3.8*	2.1	7.0
	2 set stabs down	12.3*	10.3	8.4*	5.2	6.0*	3.4			3.8*	2.7	7.0
	Dozer and stabs down	12.3*	12.3	8.4*	7.2	6.0*	4.6			3.8*	3.7	7.0
-4.5 m	Rear dozer up	8.4*	6.5	5.9*	3.5					4.2*	2.6	5.5
	Rear dozer down	8.4*	7.8	5.9*	4.1					4.2*	3.1	5.5
	2 set stabs down	8.4*	8.4*	5.9*	5.4					4.2*	4.0	5.5
	Dozer and stabs down	8.4*	8.4*	5.9*	5.9*					4.2*	4.2*	5.5

\* Hydraulically limited

# LIFTING CAPACITY

## ARTICULATED BOOM

Values are expressed in tons

 Front  90°	REACH										
		3.0 m	4.5 m	6.0 m	7.5 m	At max reach					
								m			

**2.00 m dipper, counterweight 4.65 t, weight of Quick Coupler 295 kg  
(PL configurations: counterweight 5.15 t)**

7.5 m	Rear dozer up			5.7*	4.9					3.6*	3.5	5.3
	Rear dozer down			5.7*	5.5					3.6*	3.6*	5.3
	2 set stabs down			5.7*	5.7*					3.6*	3.6*	5.3
	Dozer and stabs down			5.7*	5.7*					3.6*	3.6*	5.3
6.0 m	Rear dozer up			5.7*	4.9	4.9	3.0			3.1*	2.3	6.7
	Rear dozer down			5.7*	5.5	5.0*	3.4			3.1*	2.7	6.7
	2 set stabs down			5.7*	5.7*	5.0*	4.0			3.1*	3.1*	6.7
	Dozer and stabs down			5.7*	5.7*	5.0*	5.0*			3.1*	3.1*	6.7
4.5 m	Rear dozer up	9.0*	8.8	6.5*	4.8	4.9	3.1			2.9*	1.9	7.5
	Rear dozer down	9.0*	9.0*	6.5*	5.4	5.3*	3.5			2.9*	2.2	7.5
	2 set stabs down	9.0*	9.0*	6.5*	6.3	5.3*	4.1			2.9*	2.6	7.5
	Dozer and stabs down	9.0*	9.0*	6.5*	6.5*	5.3*	5.2			2.9*	2.9*	7.5
3.0 m	Rear dozer up	10.9*	8.3	7.4	4.6	4.8	3.1	3.2	1.8	2.9	1.6	7.9
	Rear dozer down	10.9*	9.4	7.8*	5.2	5.8*	3.5	4.5*	2.1	3.0*	1.9	7.9
	2 set stabs down	10.9*	10.9*	7.8*	6.1	5.8*	4.0*	4.5*	2.6	3.0*	2.3	7.9
	Dozer and stabs down	10.9*	10.9*	7.8*	7.8*	5.8*	5.1	4.5*	3.4	3.0*	3.0*	7.9
1.5 m	Rear dozer up	12.3*	8.1*	7.3	4.5	4.8	2.9	3.2	1.8	2.8	1.5	8.0
	Rear dozer down	12.3*	9.3	9.4*	5.1	6.5*	3.3	4.9*	2.1	3.1*	1.8	8.0
	2 set stabs down	12.3*	11.3	9.4*	6.0	6.5*	4.0	4.9*	2.5	3.1*	2.2	8.0
	Dozer and stabs down	12.3*	12.3*	9.4*	7.7	6.5*	5.1	4.9*	3.4	3.1*	3.0	8.0
0.0 m	Rear dozer up	14.2	7.8	7.3	4.3	4.6	2.7	3.0	1.7	2.9	1.6	7.7
	Rear dozer down	14.8*	9.2	9.8*	5.0	7.0*	3.1	4.8*	2.0	3.5*	1.8	7.7
	2 set stabs down	14.8*	11.4	9.8*	6.0	7.0*	3.7	4.8*	2.4	3.5*	2.2	7.7
	Dozer and stabs down	14.8*	14.8*	9.8*	7.8	7.0*	4.9	4.8*	3.3	3.5*	3.1	7.7
-1.5 m	Rear dozer up	14.7	7.4	7.2	4.1	4.4	2.4			3.2	1.7	7.2
	Rear dozer down	16.5*	8.8	10.0*	4.7	7.2*	2.8			4.2*	2.1	7.2
	2 set stabs down	16.5*	11.1	10.0*	5.7	7.2*	3.4			4.2*	2.5	7.2
	Dozer and stabs down	16.5*	15.9*	10.0*	7.8	7.2*	4.7			4.2*	3.4	7.2
-3.0 m	Rear dozer up	14.5	7.3	6.8	3.8	4.2	2.3					6.1
	Rear dozer down	17.1*	8.6	10.0*	4.4	5.1*	2.7					6.1
	2 set stabs down	17.1*	10.9	10.0*	5.4	5.1*	3.3					6.1
	Dozer and stabs down	17.1*	16.2	10.0*	7.4	5.1*	4.6					6.1

\* Hydraulically limited



# LIFTING CAPACITY

## ARTICULATED BOOM

Values are expressed in tons

 Front  90°	REACH					
	 3.0 m	 4.5 m	 6.0 m	 7.5 m	 At max reach	m

**2.40 m dipper, counterweight 4.65 t, weight of Quick Coupler 295 kg  
(PL configurations: counterweight 5.15 t)**

9.0 m	Rear dozer up									4.1*	4.1*	3.7
	Rear dozer down									4.1*	4.1*	3.7
	2 set stabs down									4.1*	4.1*	3.7
	Dozer and stabs down									4.1*	4.1*	3.7
7.5 m	Rear dozer up			5.3*	5.0					2.9*	2.9*	5.9
	Rear dozer down			5.3*	5.3*					2.9*	2.9*	5.9
	2 set stabs down			5.3*	5.3*					2.9*	2.9*	5.9
	Dozer and stabs down			5.3*	5.3*					2.9*	2.9*	5.9
6.0 m	Rear dozer up			5.4*	4.9	4.7*	3.1			2.5*	2.1	7.1
	Rear dozer down			5.4*	5.4*	4.7*	3.5			2.5*	2.4	7.1
	2 set stabs down			5.4*	5.4*	4.7*	4.1			2.5*	2.5*	7.1
	Dozer and stabs down			5.4*	5.4*	4.7*	4.7*			2.5*	2.5*	7.1
4.5 m	Rear dozer up			6.0*	4.8	4.9	3.1	3.3	1.9	2.4*	1.7	7.9
	Rear dozer down			6.0*	5.4	4.9*	3.5	3.8*	2.2	2.4*	1.9	7.9
	2 set stabs down			6.0*	6.0*	4.9*	4.0	3.8*	2.6	2.4*	2.3	7.9
	Dozer and stabs down			6.0*	6.0*	4.9*	4.9*	3.8*	3.5	2.4*	2.4*	7.9
3.0 m	Rear dozer up	10.5*	8.2	7.3*	4.6	4.8	3.0	3.3	1.9	2.4*	1.5	8.3
	Rear dozer down	10.5*	9.5	7.3*	5.2*	5.6*	3.4	4.7*	2.2	2.4*	1.7	8.3
	2 set stabs down	10.5*	10.5*	7.3*	6.1	5.6*	4.0	4.7*	2.6	2.4*	2.1	8.3
	Dozer and stabs down	10.5*	10.5*	7.3*	7.3*	5.6*	5.1*	4.7*	3.5	2.4*	2.4*	8.3
1.5 m	Rear dozer up	12.0*	8.0*	7.2	4.5	4.8*	3.0	3.2	1.8	2.5*	1.4	8.3
	Rear dozer down	12.0*	9.2	8.9*	5.1	6.3*	3.4	5.1	2.1	2.5*	1.6	8.3
	2 set stabs down	12.0*	11.2	8.9*	6.0	6.3*	4.0	5.1*	2.5	2.5*	2.0	8.3
	Dozer and stabs down	12.0*	12.0*	8.9*	7.7	6.3*	5.0	5.1*	3.4	2.5*	2.5*	8.3
0.0 m	Rear dozer up	14.1*	7.9	7.2	4.4	4.7	2.8	3.1	1.7	2.6	1.4	8.1
	Rear dozer down	14.1*	9.3	9.7*	5.0	6.9*	3.2	5.0	2.0	2.8*	1.7	8.1
	2 set stabs down	14.1*	11.2	9.7*	6.0	6.9*	3.8	5.2	2.4	2.8*	2.0	8.1
	Dozer and stabs down	14.1*	14.1*	9.7*	7.7*	6.*	5.0	5.3*	3.3	2.8*	2.8*	8.1
-1.5 m	Rear dozer up	14.5*	7.4	7.3	4.1	4.4	2.5	3.0	1.6	2.9	1.5	7.6
	Rear dozer down	16.2*	8.8	9.9*	4.7	7.0*	2.9	4.4*	1.9	3.3*	1.8	7.6
	2 set stabs down	16.2*	11.1	9.9*	5.7	7.0*	3.5	4.4*	2.3	3.3*	2.2	7.6
	Dozer and stabs down	16.2*	15.7*	9.9*	7.8	7.0*	4.7	4.4.*	3.2	3.3*	3.1	7.6
-3.0 m	Rear dozer up	14.5	7.3	6.9	3.8	4.2	2.3			3.5	1.9	6.7
	Rear dozer down	16.8*	8.6	10.2*	4.4	6.4*	2.7			4.3*	2.3	6.7
	2 set stabs down	16.8*	10.9	10.2*	5.4	6.4*	3.3			4.3*	2.8	6.7
	Dozer and stabs down	16.8*	16.2	10.2*	7.5	6.4*	4.5			4.3*	2.8	6.7
-4.5 m	Rear dozer up	12.9*	7.0									
	Rear dozer down	12.9*	8.3									
	2 set stabs down	12.9*	10.6									
	Dozer and stabs down	12.9*	12.9*									

\* Hydraulically limited

# LIFTING CAPACITY

## ARTICULATED BOOM

Values are expressed in tons

 Front  90°	REACH										
		3.0 m	4.5 m	6.0 m	7.5 m	At max reach		m			

**2.80 m dipper, counterweight 4.65 t, weight of Quick Coupler 295 kg  
(PL configurations: counterweight 5.15 t)**

9.0 m	Rear dozer up			3.2*	3.2*					3.1*	3.1*	4.5
	Rear dozer down			3.2*	3.2*					3.1*	3.1*	4.5
	2 set stabs down			3.2*	3.2*					3.1*	3.1*	4.5
	Dozer and stabs down			3.2*	3.2*					3.1*	3.1*	4.5
7.5 m	Rear dozer up					3.7*	3.0			2.3*	2.3*	6.5
	Rear dozer down					3.7*	3.4			2.3*	2.3*	6.5
	2 set stabs down					3.7*	3.7*			2.3*	2.3*	6.5
	Dozer and stabs down					3.7*	3.7*			2.3*	2.3*	6.5
6.0 m	Rear dozer up					4.4*	3.1	2.5*	1.9	2.0*	1.8	7.6
	Rear dozer down					4.4*	3.5	2.5*	2.2	2.0*	2.0*	7.6
	2 set stabs down					4.4*	4.1	2.5*	2.5*	2.0*	2.0*	7.6
	Dozer and stabs down					4.4*	4.4*	2.5*	2.5*	2.0*	2.0*	7.6
4.5 m	Rear dozer up			5.3*	4.8	4.6*	3.1	3.4	2.0	1.9*	1.5	8.3
	Rear dozer down			5.3*	5.3*	4.6*	3.5	3.9*	2.3	1.9*	1.8	8.3
	2 set stabs down			5.3*	5.3*	4.6*	4.0	3.9*	2.7	1.9*	1.9*	8.3
	Dozer and stabs down			5.3*	5.3*	4.6*	4.6*	3.9*	3.6*	1.9*	1.9*	8.3
3.0 m	Rear dozer up	10.4*	8.3	6.8*	4.6	4.8	3.0	3.3	2.0	1.9*	1.3	8.6
	Rear dozer down	10.4*	9.6	6.8*	5.2*	5.3*	3.4	4.5*	2.2	1.9*	1.6	8.6
	2 set stabs down	10.4*	10.4*	6.8*	6.0	5.3*	3.9	4.5*	2.7	1.9*	1.9*	8.6
	Dozer and stabs down	10.4*	10.4*	6.8*	6.8*	5.3*	5.31	4.5*	3.5	1.9*	1.9*	8.6
1.5 m	Rear dozer up	11.7*	7.9	7.2	4.4	4.7	3.0	3.3	1.9	2.0*	1.2	8.7
	Rear dozer down	11.7*	9.2	8.4*	5.0	5.9*	3.4	4.8*	2.2	2.0*	1.5	8.7
	2 set stabs down	11.7*	11.0	8.4*	5.9	5.9*	3.9	4.8*	2.6	2.0*	1.8	8.7
	Dozer and stabs down	11.7*	11.7*	8.4*	7.6	5.9*	5.0*	4.8*	3.5	2.0*	2.0*	8.7
0.0 m	Rear dozer up	13.5*	7.9	7.1	4.4	4.7	2.8	3.1	1.7	2.3*	1.2	8.5
	Rear dozer down	13.5*	9.2	9.6*	5.0	6.6*	3.2	5.0	2.0	2.3*	1.5	8.5
	2 set stabs down	13.5*	11.1*	9.6*	5.9	6.6*	3.9	5.2	2.5	2.3*	1.8	8.5
	Dozer and stabs down	13.5*	13.5*	9.6*	7.6*	6.6*	5.0	5.2*	3.3	2.3*	2.3*	8.5
-1.5 m	Rear dozer up	14.3	7.4	7.3	4.1	4.5	2.6	3.0	1.6	2.6	1.4	8.0
	Rear dozer down	15.7*	8.8	9.7*	4.7	6.9*	3.0	4.8	1.9	2.6*	1.6	8.0
	2 set stabs down	15.7*	11.1	9.7*	5.7	6.9*	3.6	5.0	2.3	2.6*	2.0	8.0
	Dozer and stabs down	15.7*	15.5	9.7*	7.8*	6.9*	4.8	5.1*	3.2	2.6*	2.6*	8.0
-3.0 m	Rear dozer up	14.4	7.2	7.0	3.8	4.2	2.3			3.1	1.7	7.2
	Rear dozer down	16.5*	8.5	10.1*	4.5	6.9*	2.7			3.4*	2.0	7.2
	2 set stabs down	16.5*	10.8	10.1*	5.5	6.9*	3.3			3.4*	2.4	7.2
	Dozer and stabs down	16.5*	16.2	10.1*	7.6	6.9*	4.6			3.4*	3.4	7.2
-4.5 m	Rear dozer up	14.1	7.0	6.7	3.6							
	Rear dozer down	15.3*	8.3	8.0*	4.2							
	2 set stabs down	15.3*	10.6	8.0*	5.2							
	Dozer and stabs down	15.3*	15.3*	8.0*	7.2							

\* Hydraulically limited

# WX185 Series 2

## STANDARD EQUIPMENT & OPTIONS

### STANDARD EQUIPMENT

#### Hydraulic system

- Pump management system
- Electrohydraulic servo control
- Triple-pump-hydraulic system with two service pumps and separate swing pump
- Engine and pump monitoring by power limit control
- 8 selectable power stages
- Automatic power increase in DRIVE stage
- Comfortable inching control
- Powerboost system

#### Electric system

- Automatic battery main switch (coupled to ignition key)
- Electronic immobiliser

#### Engine

- Latest generation CASE Family III Tier III diesel Engine comply with current compliant with European emissions standards
- Direct injection with turbo charger and charge air cooling
- Water-cooled, low-consumption and low-exhaust compliant to EU directive
- Electric diesel filling system
- Upper- and undercarriage
- Robust, shielded arc-welded, modular chassis in box section design
- Patented disc brakes for jolt-free work
- Power Shift gear box
- Large Toolbox under the step
- Encased ball bearing slew ring with long-life lubrication
- Swing drive with low-wearing disc brake
- Independent control of blade and each stabiliser
- Automatic axle locking system
- Automatic working brake
- Travel and swing hydrostatic braking
- Centralised control of blade and stabilisers on left joystick
- Additional working lights

#### Driver cab

- Noise-insulated and flexibly mounted cabin in soft design

- Tinted safety glazing all around, full up and over windscreen
- Sun blinds, large roof window, transparent rain protection
- LCD with integrated error diagnosis function
- Steering column incline infinitely variable
- Ergonomic design of arm rests and foot pedals
- Driver air suspension seat individually adjustable for height and incline
- Consoles adjustable for height and length
- 12V electrical auxiliary supply in cab
- Forward/Reverse shifting on joystick
- Cab headlights

### OPTIONS

#### Hydraulic system

- Hydraulic system for hammer, grab, shears
- Safety valves for hoist mode
- Upper- and undercarriage
- 30 km/h forward speed
- Single or twin tyres
- Dozer blade with parallel guidance
- Stabilisers with large, lockable pads for secure grip on uneven ground
- Transport holder for clamshell grab
- Intermediate bearing for prop shaft
- Central greasing nipple on boom
- Object handling kit with load hook
- Driver cab
- Air conditioning
- Cooling box
- Radio
- FOPS guard for cab roof + front
- FOPS guard for cab roof
- Two cablights rear

Standard and optional equipment shown can vary by country.



**CNH INTERNATIONAL SA**  
Riva Paradiso, 14  
6902 Paradiso  
SWITZERLAND

**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

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