



BASE ENGINE POWER	129 kw - 173 hp
OPERATING WEIGHT	19800 - 21900 kg



# **VE210**





# VE210 THE POWER OF



#### RESPECTING THE ENVIRONMENT

The NewHolland wheeled excavators are compliant with European Directives concerning electromagnetic compatibility and noise level. The emissions of the Stage IIIA NewHolland engines have been dramatically reduced and are, as shown below, much lower than standard requirements.

WE210 = CO: 0.77, HC: 0.08, NOX: 3.59, PARTICULATE: 0.13 (\*) In addition, this engine can use normal diesel, with up to 20% of Biodiesel added...

In addition, this engine can use normal diesel, with up to 20% of Biodiesel added... ... a real Environmentally Friendly machine.

(\*) all data are expressed in g/kWh

# CONTROL



## **NEW HOLLAND ENGINE**

The NewHolland, 6 cylinders, 6.7 litres mechanical engine develops a power of 129 kW at 2000 rpm and a torque of 745 Nm at lower rpm... an extremely flexible and responsive power plant.

A larger displacement engine guarantees: Higher torque for higher productivity Longer lifespan Higher reliability

The available **FINE/ECO/POWER modes**, linked to engine speed, facilitates the operator which could find always the best according to the job to do.

A variable speed **hydrostatic fan**, automatically actuated by a thermostatic sensor, draws fresh and clean air from outside through the radiators optimizing both cooling effect and noise level.

# **SUPERIOR TRACTION**

The heavy duty axles are combined with a powershift transmission -mounted on rear one for a better protection and high ground clearance- to provide **outstanding power train system** resulting into a perfect match of high traction performances and smoothness in gear shifting.

The transmission can be operated in both manual and automatic mode.

With manual mode the operator can either select the 1st or the 2nd gear, while in "full automatic mode" the transmission will autoshift up or down simplifying travelling both on field and road.

Pressing the accelerator pedal, the **Travel Mode** is automatically activated assuring to the power train system the full availability of engine power.

# **HEAVY DUTY AXLE**

NewHolland wheeled excavators are equipped with robust axles proven for any **heavy duty** applications contributing into high machine reliability.

The **patented disc brake** design works directly on the axles hubs eliminating the annoying backlash effect, typical of while working free on wheels.



# VE210 ADVANCED VERS

## **EFFICIENCY AND CONTROLLABILITY**

To obtain a Hydraulic System which is efficient, controllable, fast and powerful, and which consumes low fuel, New Holland has been working on every hydraulic component with a 360° approach:

- state-of-the-art pumps supply high flow, are prompt to react to all requirements and extremely noiseless;
- refined control valve and new generation joysticks give precise and total machine control;
- electronic Pump Control System mark IV continuously optimizes hydraulic output according to operator and job
- demands, providing the best machine controllability, productivity, operator comfort and fuel saving.
- Automatic PowerBoost and Levelling Mode allow to work without problems in every application with maximum productivity and controlability

The new low effort joysticks feature a longer stroke properly transferred into proportional and smooth control of all machine movements... a **real**, **effective Control of Power** allowing longer work times with less fatigue.



# **VERSATILITY**

Auxiliary circuits are available, as option, for:

- Low flow clamshell rotation circuit, 22 l/min with ON/OFF control
- Medium flow clamshell rotation/tilting bucket circuit, 80 l/min with proportional control
- High flow/high pressure hammer/shears circuit, with proportional control

The proportional control for rotating clamshell or tilting bucket operation is now **operated by a slider** on top of the left joystick, while the foot pedal is maintained for the high flow circuit: this combination assures the full control of all possible tools.

By the monitor, it is possible to adjust pressure and flow to match the operating parameters of the attachment being used.

In addition up to 12 combinations of pressure and flow can be memorized for future use.





# **NEW JOYSTICK**

The new ergonomic design of handles provides **comfortable and safe grip** giving the feeling of total and superior machine control.

On the right joystick, there is the **innovative control** for blade and stabilisers: a slider operating up/down provides a **full independent and proportional control** keeping always the hand on joystick for maximum operator safety.

By the switches on the left console, **blade and stabilisers** can be activated for simultaneous or independent operation.

# SATILITY



## **HIGH STABILITY**

The whole structures of **WE210** have been designed to guarantee a perfect match with their high performances, by improving position of centre of gravity, by optimising stresses distribution and by adopting high quality steel plates. To eliminate bumps and shocks to the whole structure when the pistons reach their stroke end, cylinders have been equipped with automatic recovery and cushioning systems.

The wider axles to reach an undercarriage width of 2.75 m are available as option on WE210, effectively contributing to increased stability; the wider axles can have some restrictions when travelling on road according to local authorities and laws.

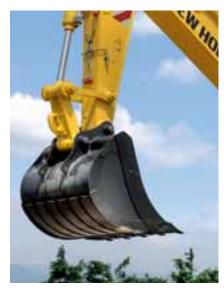
All this adds up to guarantee an excellent and safe machine with dynamic stability when working in any kind of job and on all types of ground.

This excellent stability enhances **outstanding lifting capacity**, which can be fully exploited, thanks to the weight strategically distributed in its structure, without unpleasant jumping effects.

# OBJECT HANDLING KIT

European Standards state rules of thumb that do not allow free interpretation to each European Country. In case of object handling operations, an excavator can be used only if certified by manufacturer that it is equipped with all safety devices required by European Standards EN 474-5:1996. New Holland, confirming its commitment to grant high performances in an extremely safe environment, offers its customers the optional Object Handling Kit for maximum operator confidence.





# VE210 OPERATOR SAFE



## **SPACIOUS CAB**

Roomy cab on New Holland wheeled excavators offers to the operator an outstanding place where to work.

All around visibility, safety and ergonomics are its main features to maximise operator comfort and to enable optimum performance.

The integrated ROPS contributes to a safe and rigid construction of cab, which is mounted on rubber mounts, assuring to the operator minimum vibrations while working and a protective environment in the unlucky event of a roll-over.

The standard FOPS marks a milestone for the operator safety which New Holland devotes its care.

Threaded holes, integrated into the cab structure, enable fast and easy mounting of optional front guard, effectively contributing to operator safety.

With tinted safety glasses, transparent roof, sunblind, air-suspension seat, radio and plenty of storage spaces, the cab offers to the operators a **comfortable working environment.** 

The **parallel wiper** assures the best cleaning of front windshield maximizing visibility also in the in poor weather conditions.

All switches and controls are ergonomically positioned on the right side, easy to find and to reach.



# TY & COMFORT

# **COMFORT SEAT**

The comfortable air-suspension seat is a standard feature on WE models. It can be adjusted in all directions and back and forth, independently or together with side consoles.

The armrests can be inclined enabling the operator to set the correct position for maximum convenience and comfort.

# **TITLING CONSOLE**

The left console is now **tilting**, enlarging the cab entrance for the operator and resulting **high comfortable** and **safely getting in/out** from the cab.

Steering column, with continuously adjustable inclination, allows to the operators the possibility to set **the correct and most comfortable position** both when driving on the road and working on job site.





# **LCD MONITOR**

The monitor features a LCD screen by which the operator has **continuously control** of machine status.

Maintenance information is clearly displayed and the diagnostic function provides an early warning detection of any malfunctions.

Details of any previous breakdown or malfunction are also stored.

The standard **electronic immobilizer** (PIN code as on mobile phones) and the **attachments select function** are fast and easy to be activated and recalled by the menu.

# VE210 EASY MAINTENA



# SPACIOUS CAB

The simplified layout of all vital components of the New Holland WE210, under both the right and the left side panels, is designed to make inspections, maintenance and servicing **much easier with the better access providing high benefits** on operating costs and time

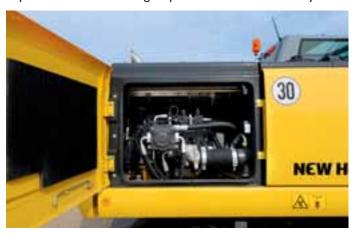
There is plenty of room in all compartments and most components are positioned in such a way to enable easy access from ground level. **An elegant and modern design added to state of-the-art technology.** 



Cooling components (radiator, hydraulic oil cooler and intercooler) are now mounted in parallel, which means increased cooling efficiency for higher component reliability whilst being easier to check and clean.

The engine oil filter and the fuel filter are remote mounted and easy to reach from ground level, through the right door inside the pump compartment.

The fuel filter, which removes contaminants, has an important function for engine performance and durability.



# NCE & SERVICEABILITY

## SERVICE PLATFORM

The accessibility to the main valve as well to the engine compartment is provided by the **safe service platform** located behind the cab.

From this area it is possible to perform all service and maintenance operations: cleaning or change the air filter, the windshield water or the cooling expansion tank, access to the electronic components from the rear of the cab. **Easily and safely:** this is the NewHolland target for maintenance and service.

The maintenance free batteries are located under service platform, easy to be connected if it is needed to start the engine with external assistance.

The **automatic master switch** is directly connected to the ignition key in the cab: extending the batteries life avoiding any loose of battery charge.



# **TOOL BOX**

Inside the tool box, on front right corner, there is the optional fuel refilling pump which features an automatic stop function which makes simple to fill the tank.

# **FUSES**

The fuses are inside the cab, protected from dust and water as well as easy to reach and control.



# **CENTRALISED GREASING**

Maintenance procedures are also improved thanks to grouped and centralised greasing points, which allows all boom wear points to be easily greased from ground level. On request, the WE models can be equipped with an "Automatic Centralised Greasing System" to supply all wear points of the machine with the right quantity of grease at the right time. A winning tool to simultaneously reduce maintenance procedures and costs while improving machine reliability and durability.



# **VE210**

#### **SPECIFICATIONS**



# **ENGINE STAGE IIIA**

Net engine power (ISO 14396/ECE R120)	
Rated	
Make and model	New Holland* 667TA/MEE
Type diesel, 4-stroke direct injection,	
Displacement	6.7 I
Number of cylinders	6
Bore/stroke	

Remote engine oil filter for easy replacement

**Auto-Idling selector** returns engine to minimum rpm when all controls are in neutral position

-25° C outside temperature start as standard equipment

The engine complies with 97/68/EC standards Stage IIIA



#### **ELECTRICAL SYSTEM**

Voltage	24V
Batteries	
Battery rating (each)	100 Ah
Alternator	
Starter motor	4 kW



### **HYDRAULIC SYSTEM**

Primary pumps	.3 variable displacement, axial piston
Total maximum flow	
Implement / travel pressure	340/345 bar.
Power Boost	370 bar.
Swing circuit pressure	390 bar.
Pilot pump	45 bar.
Boom cylinder mono	135 × 1050
Boom cylinder 2-piece boom	135 x 985
Arm cylinder	135 x 1400
Bucket cylinder	115×1075
Positioning cylinders	

Control and monitoring system (Pump Control System IV).

Electrohydraulic servo-control.

Three-pump hydraulics with two main pumps and deparate swing pump.

Monitoring of engine and pumps by power limit control.

7 selectable power stages for digging and lifting .

Levelling mode for smooth operation.

Automatic power increase in the drive mode.



#### **SWING DRIVE**

Swing speed	·pm
Torque (SAE J1371)	Νm

The swing function is operated by a hydraulic closed circuit coupled with a mechanical reducer integrating an automatic static brake. The hydrostatic swing brake is adjustable 3 settings.



#### **TRASMISSION**

	STD	OPT
Max travel speed	20 km/h	30 km/h
Field travel speed	5 km/h	8 km/h
Min creep speed	2 km/h	2 km/h
Max drawbar pull		130 KM

Automatic or manual gear shifting control.

Travel mode automatically engaged when pressing accelerator pedal

Optional wider axles for higher stability when working unsupported; availability can be limited by local homologation



# **CAB AND CONTROLS**

Sound absorbing cab in soft design.

Tinted safety glass all around, push-in front window.

Sunshade, roof window, transparent rain shield.

LC display with integrated diagnosis function.

Incline adjustable steering column.

Ergonomic design of armrests and foot pedals, armrest is height adjustable.

Operator's seat individually adjustable in height and inclination.

Pre-installation for radio and loudspeaker.



### **BRAKE SYSTEM**

Service brakes: oil bath disc type acting on all four wheels. Work brake: acts on service brakes and locks front axle oscillation. Parking brake: spring type mechanical acting on the transmission. Emergency brake: double braking circuit and automatic parking brake actuation with the engine shut down



### **STEERING**

Туре	ORBITROL with safety valve
Pump	,
Steering cylinder	
Turning circle diameter (with 10.0 - 20 twin tires)	16.3



#### **TYRES**

Twin tyres	 	 	10.00 -	20 / 11.00 -	20
Single tyres	 	 		600/40 - 2	2.5

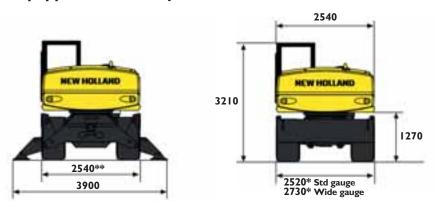
Tyre availability can be limited by local homologation



### **CAPACITIES**

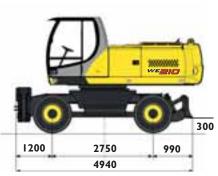
	Litres
Engine oil	16
Cooling system	30
Fuel tank	335
Hydraulic system	330
,,	

# **DIMENSIONS (mm)**Equipped with twin tyres 10.00-20

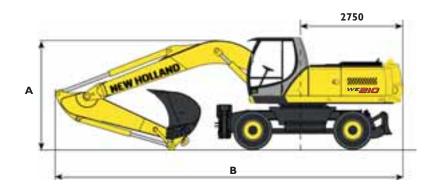


	STD GAUGE	WIDE GAUGE
*With twin tires 11.00 - 20	2540	2750
*With single tires 600/40 - 20	2490	2700
*With single tires 18R22.5	2500	2710
** Blade width	2530	2730









		TRIPLE ARTICULATION		MONOBOOM			
ARM		2300	2600	2900	2300	2600	2900
Α	mm	3160	3160	3235	3225	3205	3285
В	mm	9435	9435	9405	9680	9680	9690

# MAX OPERATING WEIGHTS (kg)

Including twin tires 10.00 - 20, bucket (650 kg)

<b>EQUIPMENT TYPE</b>	TRIPLE ARTICULATION	MONOBOOM
Rear Blade	20300	19800
Rear Blade & front stabilisers	21400	20900
Front & rear stbailisers	21900	21400

# **VE210**

# **BREAKOUT FORCE\***

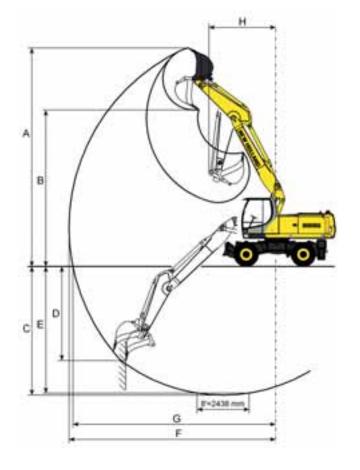
ARM		2300	2600	2900
Bucket	kΝ	125,7	125,7	125,7
Dipperstick	kΝ	116,2	107,5	100,1

<sup>\*</sup> For all boom version

# **DIGGING PERFORMANCE**

		TRIPLE	<b>ARTICUL</b>	ATION.
ARM		2300	2600	2900
A - Max Digging Height	mm	10165	10240	10450
B - Max Dumping Height	mm	7245	7335	7550
C - Max Digging Depth	mm	5750	6030	6325
D - Digging Depth at Wall	mm	4300	4405	4680
E - Digging Depth at Flat Bottom	mm	5650	5930	6235
F - Max Reach	mm	9425	9650	9935
G - Max Reach at Ground	mm	9240	9470	9765
H - Minimum Turning Radius	mm	3200	3115	3195

		M	ONO BOC	M
ARM		2300	2600	2900
A - Max Digging Height	mm	10030	10040	10220
B - Max Dumping Height	mm	7145	7185	7365
C - Max Digging Depth	mm	5690	5990	6290
D - Digging Depth at Wall	mm	4475	4390	4665
E - Digging Depth at Flat Bottom	mm	5485	5800	6115
F - Max Reach	mm	9610	9815	10095
G - Max Reach at Ground	mm	9425	9640	9920
H - Minimum Turning Radius	mm	3285	3155	3205





# LIFTING CAPACITY

### WE210 STANDARD AXLETRIPLE ARTICULATION - WITHOUT BUCKET

Values are expressed in tonnes

#### 2300 mm DIPPERSTICK

#### **REAR BLADE UP**

		REACH													
HEIGHT	3.0	3.00 m 4.50 m		6.00		7.50 m		AT MAX REACH		may					
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius				
+6.0 m					5.3	3.5			4.0*	2.5	7.1				
+4.5 m			7.1*	5.2	5.2	3.5	3.5	2.2	3.3	2.0	7.8				
+3.0 m	12.6*	8.8	7.6	5.0	5.1	3.4	3.5	2.2	2.9	1.8	8.2				
+1.5 m	14.0	8.5	7.5	4.9	5.0	3.4	3.4	2.1	2.8	1.7	8.3				
0 m	14.1	8.5	7.5	4.8	4.9	3.1	3.3	2.0	2.8	1.7	8.1				
-1.5 m	14.3	7.9	7.4	4.5	4.6	2.8	3.1	1.8	3.1	1.8	7.6				
-3.0 m	14.1	7.7	6.9	4.1	4.3	2.5			3.7	2.2	6.6				

#### **REAR BLADE DOWN**

	REACH												
HEIGHT	3.00	) m	4.50 m		6.00		7.50 m		AT MAX REACH		max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.6*	4.0			4.0*	2.8	7.1		
+4.5 m			7.1*	5.9	5.9*	3.9	4.9*	2.5	3.8*	2.3	7.8		
+3.0 m	12.6*	10.0	8.7*	5.6	6.6*	3.8	5.7*	2.5	3.8*	2.0	8.2		
+1.5 m	14.2*	9.7	10.7*	5.5	7.6*	3.8	6.1	2.4	4.1*	1.9	8.3		
0 m	16.6*	9.8	11.8*	5.5	8.4*	3.5	5.9	2.3	4.8*	1.9	8.1		
-1.5 m	19.3*	9.2	12.0*	5.1	8.5	3.2	5.8	2.1	5.7	2.1	7.6		
-3.0 m	20.0*	9.0	12.4*	4.7	8.3*	2.9			6.5*	2.5	6.6		

#### FRONT STABILISERS & REAR BLADE DOWN

		REACH												
HEIGHT	3.00	) m	4.50	4.50 m		6.00		7.50 m		AT MAX REACH				
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.6*	5.6*			4.0*	4.0*	7.1			
+4.5 m			7.1*	7.1*	5.9*	5.7	4.9*	4.0	3.8*	3.6	7.8			
+3.0 m	12.6*	12.6*	8.7*	8.4	6.6*	5.6	5.7*	3.9	3.8*	3.3	8.2			
+1.5 m	14.2*	14.2*	10.7*	8.3	7.6*	5.6	6.2*	3.8	4.1*	3.2	8.3			
0 m	16.6*	16.1	11.8*	8.3	8.4*	5.5	6.7*	3.7	4.8*	3.2	8.1			
-1.5 m	19.3*	16.5	12.0*	8.4	8.7*	5.2	5.9*	3.5	5.8*	3.5	7.6			
-3.0 m	20.0*	16.6	12.4*	7.8	8.3*	4.9			6.5*	4.2	6.6			

#### FRONT & REAR STABILISERS DOWN

		REACH												
HEIGHT	3.00	) m	4.50	) m	6.00		7.50 m		AT MA	may				
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.6*	5.6*			4.0*	4.0*	7.1			
+4.5 m			7.1*	7.1*	5.9*	5.9*	4.9*	4.8	3.8*	3.8*	7.8			
+3.0 m	12.6*	12.6*	8.7*	8.7*	6.6*	6.6*	5.7*	4.8	3.8*	3.8*	8.2			
+1.5 m	14.2*	14.2*	10.7*	10.0	7.6*	6.6	6.2*	4.7	4.1*	3.9	8.3			
0 m	16.6*	16.6*	11.8*	10.0	8.4*	6.7	6.6	4.5	4.8*	4.0	8.1			
-1.5 m	19.3*	19.3*	12.0*	10.3	8.7*	6.4	5.9*	4.4	5.8*	4.3	7.6			
-3.0 m	20.0*	20.0*	12.4*	10.0	8.3*	6.1			6.5*	5.2	6.6			

#### 2600 mm DIPPERSTICK

#### **REAR BLADE UP**

		REACH												
HEIGHT	3.0	) m	4.5	0 m	6.	00	7.50 m		AT MAX REACH		max			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius			
+6.0 m					5.3	3.5			3.5*	2.4	7.3			
+4.5 m			6.6*	5.2	5.2	3.5	3.6	2.3	3.1	1.9	8.0			
+3.0 m	13.5*	9.0	7.6	5.0	5.0	3.4	3.6	2.3	2.8	1.7	8.4			
+1.5 m	13.9	8.6	7.4	4.8	5.0	3.3	3.5	2.2	2.7	1.6	8.5			
0 m	14.0	8.6	7.4	4.9	5.0	3.2	3.3	2.0	2.7	1.6	8.3			
-1.5 m	14.3	7.9	7.4	4.5	4.6	2.8	3.1	1.8	2.9	1.7	7.8			
-3.0 m	14.0	7.7	6.9	4.1	4.3	2.5			3.4	2.0	6.9			

#### **REAR BLADE DOWN**

		REACH												
HEIGHT	3.00	) m	4.5	0 m	6.00		7.50 m		AT MAX REACH		may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.3*	3.9			3.5*	2.7	7.3			
+4.5 m			6.6*	5.9	5.6*	3.9	4.9*	2.6	3.4*	2.2	8.0			
+3.0 m	13.5*	10.1*	8.1*	5.6	6.4*	3.8	5.6*	2.6	3.6*	1.9	8.4			
+1.5 m	14.3*	9.7	10.3*	5.5	7.3*	3.7	6.0*	2.4	3.8*	1.8	8.5			
0 m	16.2*	9.8	11.6*	5.5	8.2*	3.6	5.9	2.3	4.3*	1.8	8.3			
-1.5 m	18.8*	9.2	11.9*	5.1	8.4	3.2	5.8	2.1	5.3*	2.0	7.8			
-3.0 m	19.7*	9.0	12.2*	4.7	8.3	2.9			6.4*	2.3	6.9			

#### FRONT STABILISERS & REAR BLADE DOWN

		REACH											
HEIGHT	3.00	3.00 m 4.50 m		6.00		7.50 m		AT MAX REACH		P2-01/			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius		
+6.0 m					5.3*	5.3*			3.5*	3.5*	7.3		
+4.5 m			6.6*	6.6*	5.6*	5.6*	4.9*	4.0	3.4*	3.4*	8.0		
+3.0 m	13.5*	13.5*	8.1*	8.1*	6.4*	5.6	5.6*	4.0	3.6*	3.2	8.4		
+1.5 m	14.3*	14.3*	10.3*	8.2	7.3*	5.5	6.0*	3.9	3.8*	3.0	8.5		
0 m	16.2*	16.0	11.6*	8.2	8.2*	5.5	6.5*	3.7	4.3*	3.1	8.3		
-1.5 m	18.8*	16.4	11.9*	8.4	8.5*	5.2	6.3*	3.5	5.3*	3.3	7.8		
-3.0 m	19.7*	16.6	12.2*	7.9	8.6*	4.9			6.4*	3.9	6.9		

#### **FRONT & REAR STABILISERS DOWN**

		REACH												
HEIGHT	3.00	0 m	4.5	0 m	6.	00	7.5	7.50 m A		X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.3*	5.3*			3.5*	3.5*	7.3			
+4.5 m			6.6*	6.6*	5.6*	5.6*	4.9*	4.8	3.4*	3.4*	8.0			
+3.0 m	13.5*	13.5*	8.1*	8.1*	6.4*	6.4*	5.6*	4.8	3.6*	3.6*	8.4			
+1.5 m	14.3*	14.3*	10.3*	10.0	7.3*	6.5	6.0*	4.7	3.8*	3.7	8.5			
0 m	16.2*	16.2*	11.6*	10.0	8.2*	6.6	6.5*	4.6	4.3*	3.8	8.3			
-1.5 m	18.8*	18.8*	11.9*	10.2	8.5*	6.4	6.3*	4.4	5.3*	4.1	7.8			
-3.0 m	19.7*	19.7*	12.2*	10.1	8.6*	6.1			6.4*	4.9	6.9			

#### 2900 mm DIPPERSTICK

#### **REAR BLADE UP**

		REACH													
HEIGHT	3.0	0 m			6.00		7.50 m		AT MAX REACH		max				
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius				
+6.0 m					5.0*	3.6	3.6*	2.3	3.1*	2.2	7.7				
+4.5 m			6.1*	5.3	5.1	3.5	3.6	2.4	2.9	1.8	8.3				
+3.0 m	12.2*	9.0	7.5	5.0	5.0	3.4	3.6	2.3	2.6	1.6	8.7				
+1.5 m	13.7*	8.5	7.4	4.8	4.9	3.3	3.5	2.2	2.5	1.5	8.8				
0 m	13.8	8.4	7.3	4.7	5.0	3.2	3.3	2.0	2.5	1.5	8.6				
-1.5 m	14.2	8.0	7.4	4.5	4.7	2.9	3.1	1.8	2.7	1.6	8.1				
-3.0 m	14.0	7.6	7.0	4.2	4.3	2.5			3.2	1.8	7.3				

#### **REAR BLADE DOWN**

	REACH												
HEIGHT	3.00	) m	4.50 m		6.00		7.50 m		AT MA	X REACH	max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.0*	4.0	3.6*	2.6	3.1*	2.5	7.7		
+4.5 m			6.1*	5.9	5.4*	3.9	4.9*	2.7	3.1*	2.1	8.3		
+3.0 m	12.2*	10.1	7.7*	5.6	6.2*	3.8	5.3*	2.6	3.1*	1.8	8.7		
+1.5 m	13.7*	9.6	9.8*	5.4	7.0*	3.7	5.8*	2.5	3.4*	1.7	8.8		
0 m	15.8*	9.5	11.3*	5.4	7.9*	3.6	5.9	2.3	3.8*	1.7	8.6		
-1.5 m	18.2*	9.3	11.7*	5.1	8.3	3.3	5.8	2.1	4.5*	1.8	8.1		
-3.0 m	19.5*	8.9	12.0*	4.8	8.4	2.9			5.9	2.1	7.3		

#### FRONT STABILISERS & REAR BLADE DOWN

		REACH												
HEIGHT	3.00	) m	4.50	0 m	6.	00	7.5	) m	AT MA	K REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.0*	5.0*	3.6*	3.6*	3.1*	3.1*	7.7			
+4.5 m			6.1*	6.1*	5.4*	5.4*	4.9*	4.0	3.1*	3.1*	8.3			
+3.0 m	12.2*	12.2*	7.7*	7.7*	6.2*	5.5	5.3*	4.0	3.1*	3.0	8.7			
+1.5 m	13.7*	13.7*	9.8*	8.2	7.0*	5.4	5.8*	3.9	3.4*	2.9	8.8			
0 m	15.8*	15.8*	11.3*	8.1	7.9*	5.5	6.3*	3.7	3.8*	2.9	8.6			
-1.5 m	18.2*	16.2	11.7*	8.3	8.4*	5.3	6.6*	3.5	4.5*	3.1	8.1			
-3.0 m	19.5*	16.5	12.0*	8.0	8.7*	4.9			6.0*	3.6	7.3			

#### **FRONT & REAR STABILISERS DOWN**

	REACH													
HEIGHT	3.00	) m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.0*	5.0*	3.6*	3.6*	3.1*	3.1*	7.7			
+4.5 m			6.1*	6.1*	5.4*	5.4*	4.9*	4.9*	3.1*	3.1*	8.3			
+3.0 m	12.2*	12.2*	7.7*	7.7*	6.2*	6.2*	5.3*	4.8	3.1*	3.1*	8.7			
+1.5 m	13.7*	13.7*	9.8*	9.8*	7.0*	6.5	5.8*	4.8	3.4*	3.4*	8.8			
0 m	15.8*	15.8*	11.3*	9.9	7.9*	6.5	6.3*	4.6	3.8*	3.6	8.6			
-1.5 m	18.2*	18.2*	11.7*	10.1	8.4*	6.5	6.4	4.4	4.5*	3.8	8.1			
-3.0 m	19.5*	19.5*	12.0*	10.2	8.7*	6.1			6.0*	4.5	7.3			

# LIFTING CAPACITY

### WE210 STANDARD AXLE MONOBOOM - WITHOUT BUCKET

Values are expressed in tonnes

#### 2300 mm DIPPERSTICK

#### **REAR BLADE UP**

	REACH													
HEIGHT	3.0	0 m	4.5	0 m		00	7.5	) m	at ma	X REACH	- may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.1	3.3			3.7	2.4	7.3			
+4.5 m			7.5*	4.9	4.9	3.2	3.4	2.2	3.1	1.9	8.0			
+3.0 m			7.1	4.3	4.6	2.9	3.3	2.1	2.8	1.7	8.4			
+1.5 m			6.5	3.8	4.3	2.6	3.2	1.9	2.7	1.6	8.4			
0 m			6.1	3.5	4.1	2.4	3.1	1.8	2.7	1.6	8.2			
-1.5 m	10.4*	6.2	6.1	3.4	4.0	2.4	3.0	1.8	2.9	1.7	7.7			
-3.0 m	12.3	6.4	6.2	3.5	4.1	2.4			3.5	2.1	6.8			

#### **REAR BLADE DOWN**

		REACH												
HEIGHT	3.00	3.00 m		) m	6.00		7.50 m		AT MA	K REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.8*	3.7			3.9*	2.7	7.3			
+4.5 m			7.5*	5.5	6.4*	3.5	5.8*	2.4	3.9*	2.2	8.0			
+3.0 m			9.6*	4.9	7.2*	3.3	5.9	2.3	4.1*	1.9	8.4			
+1.5 m			11.3*	4.3	8.1*	3.0	5.8	2.2	4.4*	1.8	8.4			
0 m			11.9*	4.1	8.0	2.8	5.6	2.1	4.9	1.8	8.2			
-1.5 m	10.4*	7.4	11.5*	4.0	7.9	2.7	5.6	2.1	5.4	2.0	7.7			
-3.0 m	14.0*	7.6	10.1*	4.1	7.5*	2.8			6.3*	2.4	6.8			

#### FRONT STABILISERS & REAR BLADE DOWN

	REACH													
HEIGHT	3.0	) m	4.50	) m	6.	00	7.5	0 m	AT MA	X REACH	max			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius			
+6.0 m					5.8*	5.7			3.9*	3.9*	7.3			
+4.5 m			7.5*	7.5*	6.4*	5.5	5.8*	3.8	3.9*	3.5	8.0			
+3.0 m			9.6*	8.0	7.2*	5.2	6.1*	3.7	4.1*	3.1	8.4			
+1.5 m			11.3*	7.4	8.1*	4.9	6.5*	3.6	4.4*	3.0	8.4			
0 m			11.9*	7.1	8.5*	4.7	6.5	3.5	5.1*	3.0	8.2			
-1.5 m	10.4*	10.4*	11.5*	7.0	8.4*	4.6	6.4*	3.4	6.2*	3.3	7.7			
-3.0 m	14.0*	14.0*	10.1*	7.1	7.5*	4.6			6.3*	3.9	6.8			

#### **FRONT & REAR STABILISERS DOWN**

		REACH												
HEIGHT	3.0	0 m	4.50	) m	6.	00	7.50	0 m	AT MA	X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.8*	5.8*			3.9*	3.9*	7.3			
+4.5 m			7.5*	7.5*	6.4*	6.4*	5.8*	4.7	3.9*	3.9*	8.0			
+3.0 m			9.6*	9.6*	7.2*	6.4	6.1*	4.6	4.1*	3.9	8.4			
+1.5 m			11.3*	9.5	8.1*	6.1	6.4	4.4	4.4*	3.7	8.4			
0 m			11.9*	9.1	8.5*	5.9	6.3	4.3	5.1*	3.8	8.2			
-1.5 m	10.4*	10.4*	11.5*	9.1	8.4*	5.8	6.3	4.3	6.0	4.1	7.7			
-3.0 m	14.0*	14.0*	10.1*	9.1	7.5*	5.8			6.3*	4.9	6.8			

#### 2600 mm DIPPERSTICK

#### **REAR BLADE UP**

		REACH													
HEIGHT	3.00	) m	4.50	0 m	6.	00	7.50	) m	at ma	X REACH	may				
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius				
+6.0 m					5.2	3.4			3.4*	2.3	7.5				
+4.5 m			7.0*	5.0	4.9	3.2	3.4	2.2	3.0	1.8	8.2				
+3.0 m			7.2	4.4	4.6	2.9	3.3	2.0	2.7	1.6	8.5				
+1.5 m			6.5	3.8	4.3	2.6	3.1	1.9	2.6	1.5	8.6				
0 m	6.6*	6.0	6.1	3.5	4.1	2.4	3.0	1.8	2.6	1.5	8.4				
-1.5 m	10.4*	6.1	6.0	3.4	4.0	2.3	3.0	1.7	2.8	1.6	7.9				
-3.0 m	12.1	6.3	6.1	3.4	4.0	2.3			3.3	1.9	7.0				

#### **REAR BLADE DOWN**

		REACH												
HEIGHT	3.00	) m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.5*	3.8			3.4*	2.5	7.5			
+4.5 m			7.0*	5.6	6.0*	3.6	5.5*	2.5	3.5*	2.1	8.2			
+3.0 m			9.1*	5.0	7.0*	3.3	5.9*	2.3	3.6*	1.9	8.5			
+1.5 m			10.9*	4.4	7.9*	3.0	5.7	2.2	4.0*	1.7	8.6			
0 m	6.6*	6.6*	11.7*	4.0	8.0	2.8	5.6	2.1	4.5*	1.7	8.4			
-1.5 m	10.4*	7.2	11.5*	3.9	7.9	2.7	5.5	2.0	5.1	1.9	7.9			
-3.0 m	14.8*	7.4	10.4*	4.0	7.7*	2.7			6.1	2.2	7.0			

#### FRONT STABILISERS & REAR BLADE DOWN

	REACH												
HEIGHT	3.0	) m	4.50	) m	6.	00	7.5	0 m	AT MA	X REACH	may		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius		
+6.0 m					5.5*	5.5*			3.4*	3.4*	7.5		
+4.5 m			7.0*	7.0*	6.0*	5.5	5.5*	3.8	3.5*	3.3	8.2		
+3.0 m			9.1*	8.1	7.0*	5.2	5.9*	3.7	3.6*	3.0	8.5		
+1.5 m			10.9*	7.4	7.9*	4.9	6.3*	3.5	4.0*	2.9	8.6		
0 m	6.6*	6.6*	11.7*	7.0	8.4*	4.7	6.5	3.4	4.5*	2.9	8.4		
-1.5 m	10.4*	10.4*	11.5*	6.9	8.4*	4.5	6.4	3.4	5.6*	3.1	7.9		
-3.0 m	14.8*	14.4	10.4*	7.0	7.7*	4.6			6.2*	3.7	7.0		

#### FRONT & REAR STABILISERS DOWN

	REACH													
HEIGHT	3.0	) m	4.50	0 m	6.	00	7.5	) m	AT MA	X REACH	max			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius			
+6.0 m					5.5*	5.5*			3.4*	3.4*	7.5			
+4.5 m			7.0*	7.0*	6.0*	6.0*	5.5*	4.7	3.5*	3.5*	8.2			
+3.0 m			9.1*	9.1*	7.0*	6.5	5.9*	4.6	3.6*	3.6*	8.5			
+1.5 m			10.9*	9.5	7.9*	6.1	6.3*	4.4	4.0*	3.6	8.6			
0 m	6.6*	6.6*	11.7*	9.1	8.4*	5.9	6.3	4.3	4.5*	3.6	8.4			
-1.5 m	10.4*	10.4*	11.5*	9.0	8.4*	5.8	6.2	4.2	5.6*	3.9	7.9			
-3.0 m	14.8*	14.8*	10.4*	9.0	7.7*	5.8			6.2*	4.6	7.0			

#### 2900 mm DIPPERSTICK

#### **REAR BLADE UP**

	REACH													
HEIGHT	3.0	0 m	4.5	0 m	6.	00	7.50	) m	AT MA	X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.1*	3.4	3.5	2.3	3.1*	2.1	7.8			
+4.5 m					5.0	3.2	3.5	2.2	2.8	1.7	8.5			
+3.0 m	13.9*	7.9	7.3	4.5	4.7	2.9	3.3	2.0	2.5	1.5	8.8			
+1.5 m			6.5	3.8	4.3	2.6	3.1	1.9	2.4	1.4	8.9			
0 m	6.8*	6.0	6.1	3.4	4.1	2.4	3.0	1.7	2.4	1.4	8.7			
-1.5 m	9.9*	6.0	6.0	3.3	4.0	2.3	2.9	1.7	2.6	1.5	8.2			
-3.0 m	11.9	6.1	6.0	3.3	3.9	2.2			3.0	1.7	7.4			

#### **REAR BLADE DOWN**

	REACH											
HEIGHT	3.00	3.00 m 4.50 m		) m	6.	00	7.5	) m	AT MAX REACH		may	
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius	
+6.0 m					5.1*	3.8	3.9*	2.5	3.1*	2.4	7.8	
+4.5 m					5.7*	3.6	5.3*	2.5	3.1*	2.0	8.5	
+3.0 m	13.9*	9.2	8.6*	5.0	6.7*	3.3	5.7*	2.3	3.2*	1.7	8.8	
+1.5 m			10.6*	4.4	7.6*	3.0	5.7	2.2	3.5*	1.6	8.9	
0 m	6.8*	6.8*	11.6*	4.0	8.0	2.7	5.6	2.0	3.9*	1.6	8.7	
-1.5 m	9.9*	7.1	11.6*	3.9	7.8	2.6	5.5	1.9	4.8*	1.7	8.2	
-3.0 m	14.1*	7.3	10.7*	3.9	7.8	2.6			5.6	2.0	7.4	

#### FRONT STABILISERS & REAR BLADE DOWN

1110	TROTT STABILISERS & REAR BLADE DOWN													
						REACH								
HEIGHT	3.0	0 m	4.5	0 m	6.	00	7.5	0 m	AT MA	X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.1*	5.1*	3.9*	3.9*	3.1*	3.1*	7.8			
+4.5 m					5.7*	5.6	5.3*	3.9	3.1*	3.1*	8.5			
+3.0 m	13.9*	13.9*	8.6*	8.2	6.7*	5.2	5.7*	3.7	3.2*	2.8	8.8			
+1.5 m			10.6*	7.5	7.6*	4.9	6.2*	3.5	3.5*	2.7	8.9			
0 m	6.8*	6.8*	11.6*	7.0	8.3*	4.6	6.5*	3.4	3.9*	2.7	8.7			
-1.5 m	9.9*	9.9*	11.6*	6.9	8.4*	4.5	6.4	3.3	4.8*	2.9	8.2			
-3.0 m	14.1*	14.1*	10.7*	6.9	7.9*	4.5			5.9*	3.4	7.4			

#### **FRONT & REAR STABILISERS DOWN**

	REACH													
HEIGHT	3.0	) m	4.50	) m	6.	00	7.5	) m	AT MA	X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.1*	5.1*	3.9*	3.9*	3.1*	3.1*	7.8			
+4.5 m					5.7*	5.7*	5.3*	4.7	3.1*	3.1*	8.5			
+3.0 m	13.9*	13.9*	8.6*	8.6*	6.7*	6.5	5.7*	4.6	3.2*	3.2*	8.8			
+1.5 m			10.6*	9.6	7.6*	6.1	6.2*	4.4	3.5*	3.4	8.9			
0 m	6.8*	6.8*	11.6*	9.1	8.3*	5.9	6.3	4.2	3.9*	3.4	8.7			
-1.5 m	9.9*	9.9*	11.6*	8.9	8.4*	5.7	6.2	4.2	4.8*	3.7	8.2			
-3.0 m	14.1*	14.1*	10.7*	8.9	7.9*	5.7			5.9*	4.3	7.4			

# LIFTING CAPACITY

### WE210 WIDE AXLETRIPLE ARTICULATION - WITHOUT BUCKET

Values are expressed in tonnes

#### 2300 mm DIPPERSTICK

#### **REAR BLADE UP**

						REACH							
HEIGHT	3.0	0 m	4.5	0 m	6.	00	7.50	) m	AT MA	X REACH	may		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius		
+6.0 m					5.4	4.0			4.0*	2.9	7.1		
+4.5 m			7.1*	6.0	5.3	4.0	3.6	2.6	3.3	2.4	7.8		
+3.0 m	12.6*	10.2	7.7	5.7	5.1	3.9	3.6	2.6	3.0	2.1	8.2		
+1.5 m	14.2*	9.9	7.6*	5.6	5.1	3.9	3.5	2.5	2.9	2.0	8.3		
0 m	14.3	10.0	7.6	5.6	5.0	3.6	3.3	2.3	2.9	2.0	8.1		
-1.5 m	14.6	9.4	7.5	5.2	4.7	3.3	3.2	2.2	3.1	2.1	7.6		
-3.0 m	14.3	9.2	7.0	4.8	4.4	3.0			3.8	2.6	6.6		

#### **REAR BLADE DOWN**

REACH											
HEIGHT	3.00	) m	4.5	0 m	6.	00	7.50	) m	AT MA	X REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.6*	4.4			4.0*	3.2	7.1
+4.5 m			7.1*	6.5	5.9*	4.3	4.9*	2.9	3.8*	2.6	7.8
+3.0 m	12.6*	11.4	8.7*	6.3	6.6*	4.2	5.7*	2.8	3.8*	2.3	8.2
+1.5 m	14.2*	11.1	10.7*	6.2	7.6*	4.2	6.1	2.7	4.1*	2.2	8.3
0 m	16.6*	11.2	11.8*	6.2	8.4*	4.0	6.0	2.6	4.8*	2.2	8.1
-1.5 m	19.3*	10.8	12.0*	5.8	8.6	3.6	5.9*	2.4	5.8*	2.4	7.6
-3.0 m	20.0*	10.6	12.4*	5.4	8.3*	3.4			6.5*	2.9	6.6

#### FRONT STABILISERS & REAR BLADE DOWN

	REACH													
HEIGHT	3.00	0 m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	P2 23/			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.6*	5.6*			4.0*	4.0*	7.1			
+4.5 m			7.1*	7.1*	5.9*	5.9*	4.9*	4.7	3.8*	3.8*	7.8			
+3.0 m	12.6*	12.6*	8.7*	8.7*	6.6*	6.5	5.7*	4.7	3.8*	3.8*	8.2			
+1.5 m	14.2*	14.2*	10.7*	9.7	7.6*	6.4	6.2*	4.6	4.1*	3.8	8.3			
0 m	16.6*	16.6*	11.8*	9.8	8.4*	6.5	6.7*	4.4	4.8*	3.9	8.1			
-1.5 m	19.3*	19.3*	12.0*	10.0	8.7*	6.2	5.9*	4.2	5.8*	4.2	7.6			
-3.0 m	20.0*	20.0*	12.4*	9.6	8.3*	5.9			6.5*	5.1	6.6			

#### FRONT & REAR STABILISERS DOWN

						REACH					
HEIGHT	3.00	) m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	max
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius
+6.0 m					5.6*	5.6*			4.0*	4.0*	7.1
+4.5 m			7.1*	7.1*	5.9*	5.9*	4.9*	4.9*	3.8*	3.8*	7.8
+3.0 m	12.6*	12.6*	8.7*	8.7*	6.6*	6.6*	5.7*	5.7*	3.8*	3.8*	8.2
+1.5 m	14.2*	14.2*	10.7*	10.7*	7.6*	7.6*	6.2*	5.9	4.1*	4.1*	8.3
0 m	16.6*	16.6*	11.8*	11.8*	8.4*	8.0	6.7*	5.7	4.8*	4.8*	8.1
-1.5 m	19.3*	19.3*	12.0*	12.0*	8.7*	8.2	5.9*	5.6	5.8*	5.5	7.6
-3.0 m	20.0*	20.0*	12.4*	12.4*	8.3*	7.9			6.5*	6.5*	6.6

#### 2600 mm DIPPERSTICK

#### **REAR BLADE UP**

		REACH													
HEIGHT	3.0	) m	4.50 m		6.00		7.5	) m	AT MA	X REACH	max				
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius				
+6.0 m					5.3*	4.0			3.5*	2.7	7.3				
+4.5 m			6.6*	6.0	5.2	3.9	3.7	2.6	3.2	2.2	8.0				
+3.0 m	13.5*	10.2	7.7	5.7	5.1	3.9	3.6	2.6	2.9	2.0	8.4				
+1.5 m	14.1	9.9	7.5	5.5	5.1	3.8	3.5	2.5	2.7	1.9	8.5				
0 m	14.2	9.9	7.5	5.5	5.1	3.7	3.3	2.3	2.8	1.9	8.3				
-1.5 m	14.6	9.4	7.5	5.2	4.7	3.3	3.2	2.1	3.0	2.0	7.8				
-3.0 m	14.2	9.1	7.1	4.8	4.4	3.0			3.5	2.4	6.9				

#### **REAR BLADE DOWN**

		REACH												
HEIGHT	3.00	) m	4.5	) m	6.	00	7.50	) m	AT MA	X REACH	max			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius			
+6.0 m					5.3*	4.4			3.5*	3.0	7.3			
+4.5 m			6.6*	6.5	5.6*	4.3	4.9*	2.9	3.4*	2.5	8.0			
+3.0 m	13.5*	11.4	8.1*	6.3	6.4*	4.2	5.6*	2.9	3.6*	2.2	8.4			
+1.5 m	14.3*	10.9	10.3*	6.1	7.3*	4.2	6.0*	2.8	3.8*	2.1	8.5			
0 m	16.2*	11.0	11.6*	6.1	8.2*	4.1	6.0	2.6	4.3*	2.1	8.3			
-1.5 m	18.8*	10.8	11.9*	5.8	8.4	3.7	5.8	2.4	5.3*	2.3	7.8			
-3.0 m	19.7*	10.5	12.2*	5.4	8.5	3.4			6.4*	2.7	6.9			

#### FRONT STABILISERS & REAR BLADE DOWN

	REACH													
HEIGHT	3.00	) m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.3*	5.3*			3.5*	3.5*	7.3			
+4.5 m			6.6*	6.6*	5.6*	5.6*	4.9*	4.7	3.4*	3.4*	8.0			
+3.0 m	13.5*	13.5*	8.1*	8.1*	6.4*	6.4*	5.6*	4.7	3.6*	3.6*	8.4			
+1.5 m	14.3*	14.3*	10.3*	9.7	7.3*	6.4	6.0*	4.6	3.8*	3.6	8.5			
0 m	16.2*	16.2*	11.6*	9.7	8.2*	6.4	6.5*	4.4	4.3*	3.7	8.3			
-1.5 m	18.8*	18.8*	11.9*	9.9	8.5*	6.2	6.3*	4.2	5.3*	4.0	7.8			
-3.0 m	19.7*	19.7*	12.2*	9.7	8.6*	5.9			6.4*	4.7	6.9			

#### FRONT & REAR STABILISERS DOWN

				REACH									
HEIGHT	3.00	0 m	4.5	0 m	6.	00	7.5	0 m	AT MA	K REACH	max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.3*	5.3*			3.5*	3.5*	7.3		
+4.5 m			6.6*	6.6*	5.6*	5.6*	4.9*	4.9*	3.4*	3.4*	8.0		
+3.0 m	13.5*	13.5*	8.1*	8.1*	6.4*	6.4*	5.6*	5.6*	3.6*	3.6*	8.4		
+1.5 m	14.3*	14.3*	10.3*	10.3*	7.3*	7.3*	6.0*	5.8	3.8*	3.8*	8.5		
0 m	16.2*	16.2*	11.6*	11.6*	8.2*	7.9	6.5*	5.7	4.3*	4.3*	8.3		
-1.5 m	18.8*	18.8*	11.9*	11.9*	8.5*	8.1	6.3*	5.6	5.3*	5.2	7.8		
-3.0 m	19.7*	19.7*	12.2*	12.2*	8.6*	7.9			6.4*	6.3	6.9		

#### 2900 mm DIPPERSTICK

#### **REAR BLADE UP**

	REACH												
HEIGHT	3.0	3.00 m 4.50		) m 6.00		00	7.50 m		AT MAX REACH		may		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius		
+6.0 m					5.0*	4.0	3.6*	2.7	3.1*	2.5	7.7		
+4.5 m			6.1*	6.0	5.2	3.9	3.7	2.7	3.0	2.1	8.3		
+3.0 m	12.2*	10.3	7.6	5.7	5.1	3.8	3.7	2.7	2.7	1.9	8.7		
+1.5 m	13.7*	9.8	7.5	5.5	5.0	3.8	3.6	2.5	2.6	1.8	8.8		
0 m	14.0	9.7	7.4	5.5	5.1	3.7	3.4	2.3	2.6	1.8	8.6		
-1.5 m	14.4	9.5	7.5	5.2	4.8	3.4	3.2	2.2	2.8	1.9	8.1		
-3.0 m	14.2	9.1	7.1	4.9	4.4	3.0			3.2	2.2	7.3		

#### **REAR BLADE DOWN**

	REACH												
HEIGHT	3.0	) m	4.5	) m	6.	00	7.50	) m	AT MAX REACH		max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.0*	4.4	3.6*	2.9	3.1*	2.8	7.7		
+4.5 m			6.1*	6.1*	5.4*	4.3	4.9*	3.0	3.1*	2.3	8.3		
+3.0 m	12.2*	11.5*	7.7*	6.2	6.2*	4.2	5.3*	3.0	3.1*	2.1	8.7		
+1.5 m	13.7*	11.0	9.8*	6.1	7.0*	4.1	5.8*	2.8	3.4*	2.0	8.8		
0 m	15.8*	10.9	11.3*	6.0	7.9*	4.1	6.1	2.6	3.8*	2.0	8.6		
-1.5 m	18.2*	10.8	11.7*	5.8	8.4	3.7	5.9	2.4	4.5*	2.1	8.1		
-3.0 m	19.5*	10.5	12.0*	5.5	8.5	3.4			6.0*	2.5	7.3		

#### FRONT STABILISERS & REAR BLADE DOWN

	REACH												
HEIGHT	3.00	) m	4.50	) m	6.	00	7.5	) m	AT MA	K REACH	max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.0*	5.0*	3.6*	3.6*	3.1*	3.1*	7.7		
+4.5 m			6.1*	6.1*	5.4*	5.4*	4.9*	4.7	3.1*	3.1*	8.3		
+3.0 m	12.2*	12.2*	7.7*	7.7*	6.2*	6.2*	5.3*	4.7	3.1*	3.1*	8.7		
+1.5 m	13.7*	13.7*	9.8*	9.7	7.0*	6.3	5.8*	4.6	3.4*	3.4*	8.8		
0 m	15.8*	15.8*	11.3*	9.6	7.9*	6.3	6.3*	4.5	3.8*	3.5	8.6		
-1.5 m	18.2*	18.2*	11.7*	9.8	8.4*	6.3	6.6*	4.3	4.5*	3.7	8.1		
-3.0 m	19.5*	19.5*	12.0*	9.8	8.7*	5.9			6.0*	4.4	7.3		

#### FRONT & REAR STABILISERS DOWN

FNU	FROIT & REAR STABILISERS DOVVIN													
						REACH								
HEIGHT	3.00	0 m	4.50	) m	6.	00	7.5	0 m	AT MA	K REACH	- may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.0*	5.0*	3.6*	3.6*	3.1*	3.1*	7.7			
+4.5 m			6.1*	6.1*	5.4*	5.4*	4.9*	4.9*	3.1*	3.1*	8.3			
+3.0 m	12.2*	12.2*	7.7*	7.7*	6.2*	6.2*	5.3*	5.3*	3.1*	3.1*	8.7			
+1.5 m	13.7*	13.7*	9.8*	9.8*	7.0*	7.0*	5.8*	5.8*	3.4*	3.4*	8.8			
0 m	15.8*	15.8*	11.3*	11.3*	7.9*	7.9	6.3*	5.7	3.8*	3.8*	8.6			
-1.5 m	18.2*	18.2*	11.7*	11.7*	8.4*	8.0	6.6*	5.6	4.5*	4.5*	8.1			
-3.0 m	19.5*	19.5*	12.0*	12.0*	8.7*	7.9			6.0*	5.8	7.3			

# LIFTING CAPACITY WE210 WIDE AXLE MONOBOOM - WITHOUT BUCKET

Values are expressed in tonnes

#### 2300 mm DIPPERSTICK

#### REAR BLADE UP

	REACH													
HEIGHT	3.0	0 m	4.50	0 m	6.	00	7.50	) m	AT MA	X REACH	may			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius			
+6.0 m					5.2	3.8			3.8	2.7	7.3			
+4.5 m			7.5*	5.6	5.0	3.6	3.5	2.5	3.2	2.2	8.0			
+3.0 m			7.2	5.0	4.7	3.3	3.4	2.4	2.8	2.0	8.4			
+1.5 m			6.6	4.4	4.4	3.1	3.2	2.2	2.7	1.9	8.4			
0 m			6.3	4.2	4.2	2.9	3.1	2.1	2.8	1.9	8.2			
-1.5 m	10.4*	7.6	6.2	4.1	4.1	2.8	3.1	2.1	3.0	2.0	7.7			
-3.0 m	12.5	7.8	6.3	4.2	4.2	2.8			3.5	2.4	6.8			
+3.0 m +1.5 m 0 m -1.5 m			7.2 6.6 6.3 6.2	5.0 4.4 4.2 4.1	4.7 4.4 4.2 4.1	3.3 3.1 2.9 2.8	3.4 3.2 3.1	2.4 2.2 2.1	2.8 2.7 2.8 3.0	2.0 1.9 1.9 2.0				

#### **REAR BLADE DOWN**

		REACH												
HEIGHT	3.00	0 m	4.50	0 m	6.	00	7.5	0 m	AT MA	K REACH	max			
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius			
+6.0 m					5.8*	4.2			3.9*	3.0	7.3			
+4.5 m			7.5*	6.3	6.4*	4.0	5.8*	2.8	3.9*	2.5	8.0			
+3.0 m			9.6*	5.6	7.2*	3.7	6.0	2.7	4.1*	2.2	8.4			
+1.5 m			11.3*	5.0	8.1*	3.4	5.9	2.5	4.4*	2.1	8.4			
0 m			11.9*	4.7	8.2	3.2	5.8	2.4	5.0	2.1	8.2			
-1.5 m	10.4*	8.8	11.5*	4.7	8.1	3.2	5.7	2.4	5.5	2.3	7.7			
-3.0 m	14.0*	9.0	10.1*	4.7	7.5*	3.2			6.3*	2.7	6.8			

#### FRONT STABILISERS & REAR BLADE DOWN

						REACH					
HEIGHT	3.0	) m	4.50	0 m	6.	00	7.5	0 m	AT MA	X REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.8*	5.8*			3.9*	3.9*	7.3
+4.5 m			7.5*	7.5*	6.4*	6.4*	5.8*	4.6	3.9*	3.9*	8.0
+3.0 m			9.6*	9.6*	7.2*	6.2	6.1*	4.4	4.1*	3.7	8.4
+1.5 m			11.3*	9.1	8.1*	5.9	6.5*	4.3	4.4*	3.6	8.4
0 m			11.9*	8.8	8.5*	5.7	6.7*	4.2	5.1*	3.7	8.2
-1.5 m	10.4*	10.4*	11.5*	8.7	8.4*	5.6	6.4*	4.1	6.2*	4.0	7.7
-3.0 m	14.0*	14.0*	10.1*	8.8	7.5*	5.7			6.3*	4.8	6.8

#### FRONT & REAR STABILISERS DOWN

		REACH											
HEIGHT	3.0	) m	4.50	) m	6.	00	7.5	) m	AT MA	X REACH	max		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius		
+6.0 m					5.8*	5.8*			3.9*	3.9*	7.3		
+4.5 m			7.5*	7.5*	6.4*	6.4*	5.8*	5.8*	3.9*	3.9*	8.0		
+3.0 m			9.6*	9.6*	7.2*	7.2*	6.1*	5.7	4.1*	4.1*	8.4		
+1.5 m			11.3*	11.3*	8.1*	7.9	6.5*	5.6	4.4*	4.4*	8.4		
0 m			11.9*	11.9*	8.5*	7.6	6.5	5.5	5.1*	4.8	8.2		
-1.5 m	10.4*	10.4*	11.5*	11.5*	8.4*	7.5	6.4*	5.4	6.2*	5.2	7.7		
-3.0 m	14.0*	14.0*	10.1*	10.1*	7.5*	7.5*			6.3*	6.3*	6.8		

#### 2600 mm DIPPERSTICK

#### **REAR BLADE UP**

	REACH												
HEIGHT	3.00	) m	4.50	) m	6.	00	7.50	) m	AT MA	X REACH	. may		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius		
+6.0 m					5.2	3.8			3.4*	2.6	7.5		
+4.5 m			7.0*	5.7	5.0	3.6	3.5	2.5	3.0	2.1	8.2		
+3.0 m			7.3	5.1	4.7	3.3	3.4	2.4	2.7	1.9	8.5		
+1.5 m			6.6	4.5	4.4	3.1	3.2	2.2	2.6	1.8	8.6		
0 m	6.6*	6.6*	6.3	4.1	4.2	2.8	3.1	2.1	2.6	1.8	8.4		
-1.5 m	10.4*	7.4	6.1	4.0	4.1	2.7	3.0	2.1	2.8	1.9	7.9		
-3.0 m	12.3	7.6	6.2	4.1	4.1	2.8			3.3	2.3	7.0		

#### **REAR BLADE DOWN**

	REACH											
HEIGHT	3.00	.00 m 4.50 m		0 m	6.	00	7.5	0 m	AT MAX REACH		may	
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius	
+6.0 m					5.5*	4.2			3.4*	2.9	7.5	
+4.5 m			7.0*	6.3	6.0*	4.0	5.5*	2.8	3.5*	2.4	8.2	
+3.0 m			9.1*	5.7	7.0*	3.7	5.9*	2.6	3.6*	2.1	8.5	
+1.5 m			10.9*	5.0	7.9*	3.4	5.9	2.5	4.0*	2.0	8.6	
0 m	6.6*	6.6*	11.7*	4.7	8.2	3.2	5.7	2.4	4.5*	2.0	8.4	
-1.5 m	10.4*	8.7	11.5*	4.6	8.0	3.1	5.7	2.3	5.2	2.2	7.9	
-3.0 m	14.8*	8.8	10.4*	4.6	7.7*	3.1			6.2*	2.5	7.0	

#### FRONT STABILISERS & REAR BLADE DOWN

ПЕІСПІ		REACH										
HEIGHT	3.0	0 m	4.5	0 m	6.	00	7.5	0 m	AT MA	X REACH		
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius	
+6.0 m					5.5*	5.5*			3.4*	3.4*	7.5	
+4.5 m			7.0*	7.0*	6.0*	6.0*	5.5*	4.6	3.5*	3.5*	8.2	
+3.0 m			9.1*	9.1*	7.0*	6.3	5.9*	4.4	3.6*	3.6*	8.5	
+1.5 m			10.9*	9.2	7.9*	5.9	6.3*	4.3	4.0*	3.5	8.6	
0 m	6.6*	6.6*	11.7*	8.8	8.4*	5.7	6.6*	4.1	4.5*	3.5	8.4	
-1.5 m	10.4*	10.4*	11.5*	8.6	8.4*	5.6	6.5*	4.1	5.6*	3.8	7.9	
-3.0 m	14.8*	14.8*	10.4*	8.7	7.7*	5.6			6.2*	4.5	7.0	

#### FRONT & REAR STABILISERS DOWN

						REACH					
HEIGHT	3.0	) m	4.50	0 m	6.	00	7.50	) m	AT MA	X REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.5*	5.5*			3.4*	3.4*	7.5
+4.5 m			7.0*	7.0*	6.0*	6.0*	5.5*	5.5*	3.5*	3.5*	8.2
+3.0 m			9.1*	9.1*	7.0*	7.0*	5.9*	5.7	3.6*	3.6*	8.5
+1.5 m			10.9*	10.9*	7.9*	7.8	6.3*	5.6	4.0*	4.0*	8.6
0 m	6.6*	6.6*	11.7*	11.7*	8.4*	7.6	6.5	5.4	4.5*	4.5*	8.4
-1.5 m	10.4*	10.4*	11.5*	11.5*	8.4*	7.5	6.4	5.4	5.6*	5.0	7.9
-3.0 m	14.8*	14.8*	10.4*	10.4*	7.7*	7.5			6.2*	5.9	7.0

#### 2900 mm DIPPERSTICK

#### **REAR BLADE UP**

					- 1	REACH					
HEIGHT	3.0	0 m	4.50	0 m	6.	00	7.50	) m	AT MA	X REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.1*	3.9	3.6	2.6	3.1*	2.4	7.8
+4.5 m					5.1	3.7	3.5	2.5	2.9	2.0	8.5
+3.0 m	13.9*	9.3	7.4	5.2	4.8	3.4	3.4	2.4	2.6	1.8	8.8
+1.5 m			6.7	4.5	4.4	3.1	3.2	2.2	2.5	1.7	8.9
0 m	6.8*	6.8*	6.2	4.1	4.2	2.8	3.1	2.1	2.5	1.7	8.7
-1.5 m	9.9*	7.3	6.1	4.0	4.0	2.7	3.0	2.0	2.6	1.8	8.2
-3.0 m	12.2	7.5	6.1	4.0	4.0	2.7			3.1	2.1	7.4

#### **REAR BLADE DOWN**

						REACH					
HEIGHT	3.00	) m	4.50	0 m	6.	00	7.5	0 m	AT MA	K REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.1*	4.3	3.9*	2.9	3.1*	2.7	7.8
+4.5 m					5.7*	4.0	5.3*	2.8	3.1*	2.2	8.5
+3.0 m	13.9*	10.7	8.6*	5.8	6.7*	3.7	5.7*	2.6	3.2*	2.0	8.8
+1.5 m			10.6*	5.1	7.6*	3.4	5.9	2.5	3.5*	1.9	8.9
0 m	6.8*	6.8*	11.6*	4.7	8.1	3.2	5.7	2.3	3.9*	1.9	8.7
-1.5 m	9.9*	8.5	11.6*	4.5	8.0	3.1	5.6	2.3	4.8*	2.0	8.2
-3.0 m	14.1*	8.7	10.7*	4.6	7.9*	3.0			5.7	2.3	7.4

#### FRONT STABILISERS & REAR BLADE DOWN

					- 1	REACH					
HEIGHT	3.0	) m	4.50	) m	6.	00	7.5	0 m	AT MA	X REACH	max
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	Radius
+6.0 m					5.1*	5.1*	3.9*	3.9*	3.1*	3.1*	7.8
+4.5 m					5.7*	5.7*	5.3*	4.6	3.1*	3.1*	8.5
+3.0 m	13.9*	13.9*	8.6*	8.6*	6.7*	6.3	5.7*	4.4	3.2*	3.2*	8.8
+1.5 m			10.6*	9.2	7.6*	5.9	6.2*	4.3	3.5*	3.3	8.9
0 m	6.8*	6.8*	11.6*	8.8	8.3*	5.7	6.5*	4.1	3.9*	3.3	8.7
-1.5 m	9.9*	9.9*	11.6*	8.6	8.4*	5.5	6.5*	4.0	4.8*	3.6	8.2
-3.0 m	14.1*	14.1*	10.7*	8.6	7.9*	5.5			5.9*	4.1	7.4

#### FRONT & REAR STARII ISERS DOWN

FNO	'INI C	KINE	AN DI	ADIL	-ISER	12 DC	PIVV				
					- 1	REACH					
HEIGHT	3.0	0 m	4.5	) m	6.	00	7.50	) m	AT MA	X REACH	may
	LONG	360°	LONG	360°	LONG	360°	LONG	360°	LONG	360°	max Radius
+6.0 m					5.1*	5.1*	3.9*	3.9*	3.1*	3.1*	7.8
+4.5 m					5.7*	5.7*	5.3*	5.3*	3.1*	3.1*	8.5
+3.0 m	13.9*	13.9*	8.6*	8.6*	6.7*	6.7*	5.7*	5.7*	3.2*	3.2*	8.8
+1.5 m			10.6*	10.6*	7.6*	7.6*	6.2*	5.6	3.5*	3.5*	8.9
0 m	6.8*	6.8*	11.6*	11.6*	8.3*	7.6	6.4	5.4	3.9*	3.9*	8.7
-1.5 m	9.9*	9.9*	11.6*	11.6*	8.4*	7.4	6.4	5.3	4.8*	4.7	8.2
-3.0 m	14.1*	14.1*	10.7*	10.7*	7.9*	7.4			5.9*	5.4	7.4

#### **ATTACHMENTS**

#### **BUCKETS**

Tested and approved, the selection of buckets assures high efficiency and productivity being the perfect completion of your WE excavator. Heavy duty version and skeleton type are also available for extreme excavation applications.

			T	RIF	LE	AR	TIC	CUL	.AT	101	7			M	NC	O B	OC	M		
Widh	Capacity ISO 7451	Weight	_ <u></u>	)	Ŏ	<u>_</u>		<u>6</u> \	<u>/</u> d	)	οŤ	_ģ	)	Ŏ.	_ <u></u>	) <u> </u>	<u>o/</u>	<u>/</u> 6	\	οŤ
mm	1	kg	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900

#### **GENERAL PURPOSE**



750	525	505									
850	625	535									
1000	790	635									
1200	1000	650									
1300	1105	700									
1500	1310	760									

#### **DITCH CLEANINNG**



1800	735	540									
2000	825	580									
2200	910	620									

#### **TILT DITCH CLEANINNG**



1800	735	1000									
2000	825	1080									
2200	910	1160									



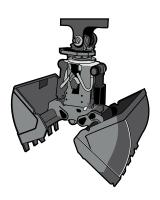
500/2300	680	510									
500/2900	750	650									
500/3500	880	800									

#### **CLAMSHELL BUCKET WITH EXCHANGEABLE SHELLS**

The C25VE clamshell bucket is ideal for different applications: excavation operations, landscaping, trench digging, handling of logs, thanks to the excellent closing forces up to 60 kN and the quick exchangeable shells technology, by which bucket carrier and bearings are integrated into the main body.

The continuous rotator with standard overload protection, with 3000 Nm of torque, and the vertical cylinders maximize the reliability, while the long life of cutting edges is ensured by the use of 500 HB steel.

Canacity



Widh	ISO 7451	Weight	_ <u>ġ</u>		Ò	غ_		<u>6\</u>	<u>/</u> å	,	οĮ	ج_		Ò	_ <u>ġ</u>	)	<u>6\</u>	<u>/</u> d	·	<u>eŤ</u>
mm	I	kg	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900	2300	2600	2900
425	210	915																		
500	250	950																		
600	305	985																		
800	410	1050																		
1000	520	1120																		
1200	625	1200																		

General digging work (specific weight of material < 1.8 t/m<sup>3</sup>)

Slightly heavy digging work (specific weight of material < 1.5 t/m³) Not recommended

 $\int$  Loading work (specific weight of material < 1.2 t/m<sup>3</sup>)

#### **ATTACHMENTS**



#### **ORANGE PEEL GRABS**

The P20V and P25V orange peel grabs are ideal for handling of bulky scrap in every application thanks to the choice of tine profiles: fully closing F, half closing H, wide style pointed W, pointed T.

Reliability is maximized thanks to: the continuous rotator with standard overload protection, the hydraulic cylinders with replaceable piston rod protection and cushioned end stroke system, the hydraulic hoses protected in the centre section

The long life of tines is ensured by the high quality steel (400HB) and tips (500HB), which are replaceable. Main Features are:

	P20V-450	P25V-550
Closed Width	1370 mm	1460 mm
Opened Width	1910 mm	2180 mm
Capacity	450 litres	550 litres
Torque	1500 Nm	1500 Nm

		TYPE P	ROFILE	
	F	Н	W	Т
P20V-450-4	1060	920	830	810
P20V-450-5	1145	1035	970	930
P25V-550-4	1320	1130	1025	1000
P25V-550-4	1460	1300	1225	1200



#### **HAMMER**

The New Holland Hammers are highly performing and reliable.

Silencing reduces noise and vibration and increases durability of the hammer and comfort for the operator.

CB200S
115 mm
1040 mm
124 dBA



#### **DEMOLITION AND SORTING GRAB**

The D20H Demolition and Sorting grab -available also in the heavy duty (HD) version with reinforced box frame- and the Multi Purpose Grab A20H are available to maximize the versatility of WE models.

	D20H	D20H-HD	A20H
Width	1000 mm	450 lires	980 kg
Capacity	1000 mm	480 litres	1115 kg
Weight	700 mm	400 litres	950 kg

#### AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

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