



CASE
CONSTRUCTION

MOVING MOUNTAINS WHEEL LOADERS



621XS

MAIN REASONS TO CHOOSE THE WHEEL LOADER

OUTSTANDING VISIBILITY

Ample glazed areas for excellent all-round visibility in all conditions.

HIGH RELIABILITY

- 6.7-litre high-torque FPT NEF engine
- ZF torque converter and axles ensure high reliability
- Proven robust kinematics of the Z-Bar arm for heavy-duty applications



SAFE AND EASY MAINTENANCE

Ground level access to filters and service points for fast and safe maintenance..



OPERATOR COMFORT NEW

- New mechanically suspended Comfort Seat with high backrest and lumbar support
- New, more efficient A/C system with 6 vents for enhanced quality of life on board

PERFORMANCE NEW

- New arm and bucket joystick control for smoother and more precise movements
- New, bigger fuel tank (220 l) for longer machine autonomy and higher productivity

BUCKET & ATTACHMENT DESIGNS

- Choice of bucket sizes for every application
- Higher roll-back of 48° for increased bucket fill factor
- Additional attachments available to meet needs of different segments





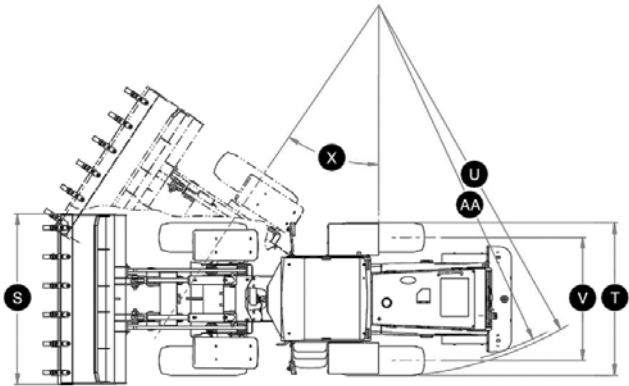
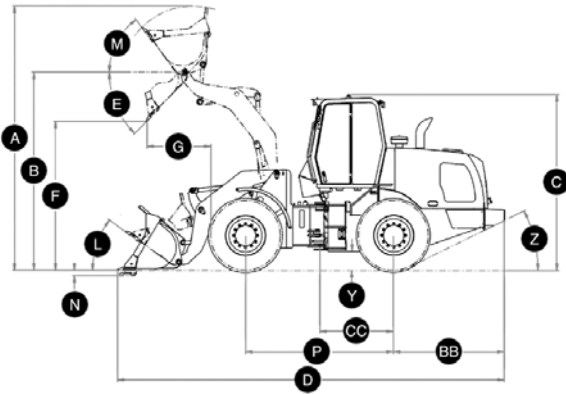
621XS

WHEEL LOADER

SPECIFICATIONS

ENGINE		621XS
Make & Model		FPT , NEF 6 Tier 3 , Turbocharger intercooler
No of Cylinders		6
Displacement	L	6.7
Emision Norm		Tier 3
Engine Power (Peak Gross) ISO14396	Hp (KW)	130 (97) @ 2350 RPM
Engine Power (Peak Net)SAE J1349	Hp (KW)	127 (95) @ 2350 RPM
Max Torque Gross -ISO14396	N-m	443 @1500RPM
ELECTRICAL		
Electrical system		24 Volts
Batteries		12 Volts , 2 Nos
Alternator		70 A
POWER TRAIN		
Transmission Make & Model		ZF Transmission , 4WG130 , 4F 3R
Torque Converter Make		ZF
Speed Km/h with (17.5 x 25 L2 Tyres)		Forward- 6.4, 11.6 , 22.3 ,36.2 Reverse - 6.7 ,12.2 , 23.8
Axle		Front - ZF (Limited slip Differential) Rear - ZF (Limited slip Differential)
TYRES		
Option 1		17.5 x 25 12 Ply L2
Option 2		17.5 x 25 16 Ply L3
HYDRAULIC		
Valve - Loader Pressure		Open centre , Positive Low Pressure
	Psi / Bar	Max Loader Pressure - 2756 / 190
System		Dual Gear Pump
Loader Pump Displacement	L/min	140
Steering Pump displacement	L/min	63.5
CAPACITIES		
Fuel Tank	Liters	220
Cooling System	Liters	25
Engine Oil	Liters	14.5
Hydraulic Oil	Liters	131
Hydraulic Oil System	Liters	176
Transmission Oil	Liters	21
Axle (Front / Rear)	Liters	20.9
WEIGHT DATA		
Loader Equipped with 1.9 Cum bucket		17.5 x 25 L3 tyres, full fuel tank, operator, machine straight
Front	Kg	4105
Rear	Kg	6410
Total	Kg	10515
SOUND LEVEL		
Interior (ISO 6396)	dB	93
Exterior (ISO 6396)	dB	107

SPECIFICATIONS



GENERAL DIMENSIONS

		1.91 m ³ Bucket		2.3 m ³ Bucket		
		Bolt on Edge	W Teeth	Bolt on Edge	W Teeth	
A	Overall Height-Operating (Spillguard)	mm	4751	4751	4723	4144
B	Hinge Pin Height - Full Height	mm	3520	3520	3520	3520
C	Overall Height - Top of Cab	mm	3176			
D	Overall Length - Bucket Level on Ground	mm	6969	7086	6970	7086
E	Dump Angle @ Full Height	°	44	44	44	44
F	Dump Height @ 44° Full Height	mm	2633	2551	2632	2551
G	Bucket reach @44° Full height	mm	1053	1132	1053	1132
	Maximum Rollback @ Ground	°	39	39	39	39
L	Maximum Rollback @ Carry Position	°	48	48	48	48
N	Digging Depth	mm	75	78	76	78
P	Wheelbase	mm	2669			
T	Overall Width - Exclusive of Buckets	mm	2344			
Y	Ground Clearance	mm	335			
V	Tread Width	mm	1864			
U	Turning Radius (Outside of Tires)	mm	5606			
AA	Turning Radius (Outside of Counterweight)	mm	5543			
X	Turning Angle from Center	°	33.5			
	Rear Axle Oscillation (Total)	°	24			
S	Bucket Width - Max Outer Width	mm	2489	2489	2976	2976
	Bucket Capacity - Struck	m ³	1.60	1.60	1.90	1.90
OPERATIONAL						
-	Hydraulic Lift Capacity @ Full Height	Kg	4137	4144	3947	4036
-	Hydraulic Lift Capacity @ Max Reach	Kg	6756	6706	6516	6605
-	Hydraulic Lift Capacity @ Ground	Kg	10142	10244	10094	10181
-	Breakout Force W/Tilt Cylinder	Kg	8071	7721	6952	6885
-	Unit Operating Mass	Kg	10595	10515	10708	10619
	Bucket Weight	Kg	807	727	920	831
-	Operating Load (ISO / SAE)	Kg	3983 / 3706	4035 / 3757	39947 / 3682	4007 / 3726
-	Tipping Load - Straight (ISO / SAE)	Kg	8753 / 8301	8857 / 8404	8713 / 8257	8803 / 8345
-	Tipping Load - 33.5° Turn (ISO / SAE)	Kg	7965 / 7412	8070 / 7514	7924 / 7514	8013 / 7453
Loader Speeds:						
-	Raising Time -Loaded	Sec	6.0			
-	Lowering Time - Empty - Power down	Sec	4.1			
-	Lowering Time - Empty - Float down	Sec	2.6			
-	Dump Time - loaded	Sec	1.0			



CASE
CONSTRUCTION

SINCE 1842

BUILDING A STRONG CASE.

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

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development.

The vast CASE dealers' network is always ready to support and protect your investment and exceed your expectations, while also providing you with the ultimate ownership experience.

Our goal is to build both stronger machines—and stronger communities. At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

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

Conforms to directive 2006/42/EC

