

**F-SERIES WHEEL LOADERS  
721F | 821F | 921F**

**CASE**  
CONSTRUCTION



**TIER 4  
FINAL**  
EU STAGE IV

**FASTER,  
FUEL EFFICIENT**

[www.casece.com](http://www.casece.com)

**EXPERTS FOR THE REAL WORLD  
SINCE 1842**

# F-SERIES WHEEL LOADERS



## EXPERTS FOR THE REAL WORLD SINCE 1842

- 1842** Case is founded.
- 1869** The first Case portable steam engine - road construction is born!
- 1958** The first Case 4-WD wheel loader, the W9, is introduced.
- 1969** Case begins skid steer loader production.
- 1998** Ride control on loader backhoes and skid steer loaders: another Case first. From 1998 Case Wheel Loaders run FPT engines, leaders in industrial engine technology.
- 2001** The exclusive mid-mounted Cooling Cube in Case wheel loaders means clean engine, reliability and massive bucket payloads.

# HERITAGE

## A TRADITION OF INDUSTRY FIRSTS



**2011** *The first wheel loaders with SCR engine technology and Proshift transmission lead to faster cycles and fuel economy.*

**2012** *Case completes its Tier 4i (EU Stage IIIB) wheel loader range: once again, the first in the industry.*

**2015** *Case wheel loaders achieve Tier 4 Final / EU Stage IV emissions standards.*

# F-SERIES WHEEL LOADERS



## HIGH EFFICIENCY with no EGR or particulate filter

The engine was developed and manufactured by our award winning sister company FPT Industrial, which produces over 500,000 engines per year and powers world record winners.

The in-house design leverages advanced technologies developed for commercial vehicles and agriculture, and introduces specific tailored solutions for off-road applications.

The NEF N67, with 6 in-line cylinders and a 6.7 litre displacement, is designed to offer both fuel efficiency and reliability with plenty of power available.

- The air intake flow is increased by a turbocharger with air-to-air cooling.
- The multiple injection delivers best-in-class high torque performance at low rpms.
- No EGR valve is used: 100% fresh air is taken for combustion without DPF and no extra cooling system is needed.

Our engine technology is so reliable that it is trusted by the French Sea Rescue service for their boats:  
what better guarantee could you wish for?



# ENGINE: KEEP IT SIMPLE



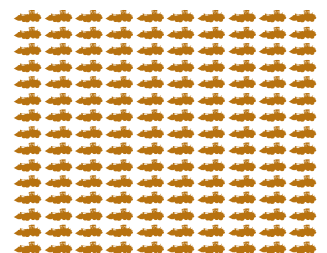
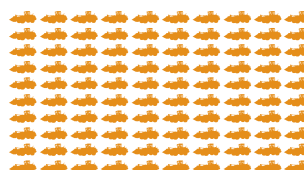
## LOW EMISSIONS without particulate filter

With HI-eSCR after-treatment, FPT technology meets EU Stage IV (Tier 4 final) emissions standards, a big step towards cleaner air. With this system, fewer components are involved, engine oil quality is not compromised and there is no need for a particulate filter (DPF) or

additional cooling. This allows for a very compact engine compartment, resulting in excellent rear visibility. In addition, the maximum temperature reached by HI-eSCR is 500°C, 200°C below the maximum temperature of a particulate filter.

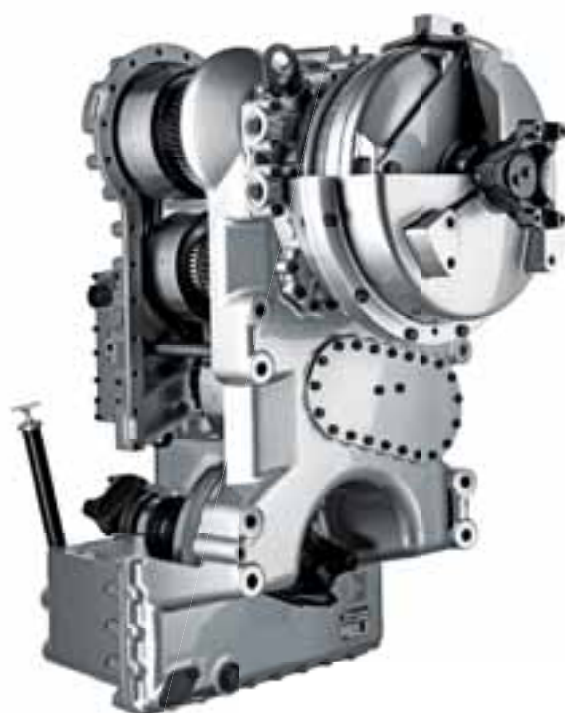
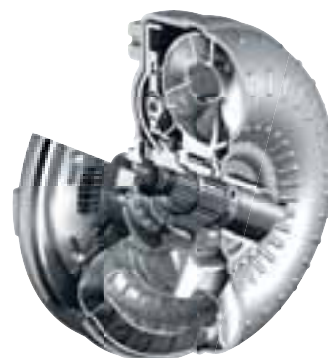


**HI-eSCR**



It would take six months for a Tier 4 Final wheel loader with HI-eSCR technology to produce the particulate and NOx emissions that a Tier 1 wheel loader would produce in one day.

# F-SERIES WHEEL LOADERS



## HIGH EFFICIENCY

### Proshift, three premium features

#### 1. 5-speed

The 5-speed feature enables you to work at lower rpm and take full advantage of the engine outstanding torque. The big additional push in 2nd gear is ideally suited for loading.

#### 2. Lock-up of torque converter

The lock-up is automatically activated when travelling, eliminating friction inside the torque converter from 2nd up to 5th gear, improving efficiency and power availability (12%) for faster travelling. This system delivers up to 15% more. Torque converter lock-up can also be activated manually.

This system delivers 10% more fuel savings than 4-speed transmissions and boosts your productivity with faster cycle time

# PROSHIFT TRANSMISSION: GO FASTER, STAY EFFICIENT



## EASY TO USE

Intelligent clutch cut off with power inch

### 3. Power inch

With Power Inch, positioning the loader is as smooth as with a hydrostatic transmission, with the added advantage of massive pushing power delivered by the torque converter. This also prevents rolling back on slopes.

With Power Inch, faster positioning and no roll back even on steep slopes, dumping into a truck is easier and quicker.

# F-SERIES WHEEL LOADERS



- Multiple sintered bronze brake discs are cooled in an oil bath.
- Metal face seals are more resistant to water, fine debris and low temperatures.



## HIGH RELIABILITY

### Case heavy-duty axles

The heavy-duty axles are tougher, bigger and easier to service thanks to the 3-piece housing design. Wet multiple disc brakes, made of resistant sintered bronze, are located in each wheel hub. Our heavy-duty axles are engineered to support L5 or solid tyres for very abrasive environments. Solid tyres can be factory fitted.

The constant temperature of the fluid maximises its cooling performance and protects the axles, resulting in greater reliability. This is further enhanced by easier maintenance operations and extended service intervals.

A higher value results from:

- 20-30% lower tyre wear because of no slippage between the wheels;
- reduced fuel consumption because there is no friction in the differential
- reduced downtime for maintenance because of fewer moving components with open differentials.



# AXLES AND DIFFERENTIALS: WHEN EFFICIENCY MEETS PRODUCTIVITY



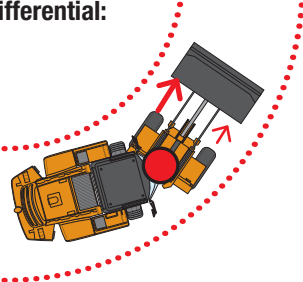
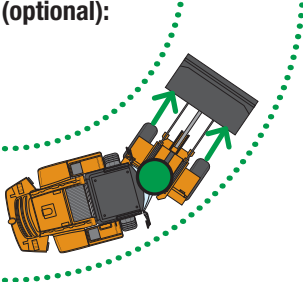


## COST SAVINGS

### 100% auto lock differential

With open differentials, no friction is applied to reduce wheel slip. As a result, there is less tyre wear and lower energy losses.

With the 100% Auto-lock, 100% of the available torque is transmitted to the wheels to provide maximum tractive effort.



Taking a curve on solid ground		Loading on soft ground	
<b>With limited slip differential:</b>  <p>Automatic slip limited engagement</p> <ul style="list-style-type: none"> <li>- Internal losses and wind up</li> <li>- Increased tyre wear</li> </ul>	<b>With 100% diff lock (optional):</b>  <p>No engagement (open diff)</p> <ul style="list-style-type: none"> <li>- No energy loss</li> <li>- Less tyre wear</li> </ul>	<b>With limited slip differential:</b>  <ul style="list-style-type: none"> <li>- 70% tractive effort transmitted to the wheels</li> <li>- automatic engagement</li> </ul>	<b>With 100% diff lock (optional):</b>  <ul style="list-style-type: none"> <li>- 100% tractive effort transmitted to the wheels</li> <li>- automatic or manual engagement</li> </ul>

# F-SERIES WHEEL LOADERS

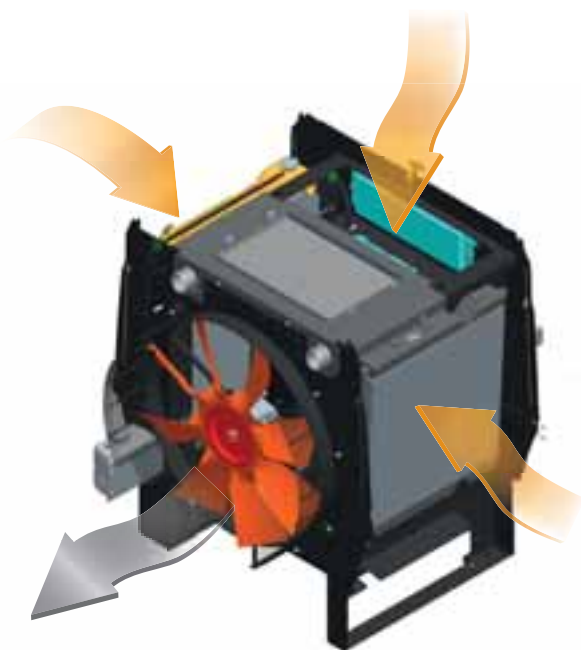


## HIGH RELIABILITY

### Case cooling cube

The unique design of the CASE cooling cube, with five radiators mounted to form a cube instead of overlapping, ensures a constant flow of fresh and clean air from the sides and from the top, to maintain constant fluid temperatures.

The cube structure provides easy access to radiators for a more effective cleaning and serviceability: additional cleaning can also be easily done manually, with separate access to each radiator.



## HIGH PAYLOAD

Better weight distribution with the rear mounted engine



# CASE COOLING CUBE: THE ANTI-CLOGGING SOLUTION



## SUPERIOR COOLING EFFICIENCY

### Heavy-duty cooling

Handling fertilizer, cereals, animal feed or other materials indoors usually leads to radiator clogging. Case's solution is the Heavy-duty Cooling option, which features:

- Extra thin inlet grille that stops bigger particles
- Sealed radiator covers that ensure the cooling air is 100% filtered
- Wide core radiators increase self cleaning with the reversible fan and prevent clogging.

Available on 721F Waste Handler model and customisable on other models.



## HEAVY-DUTY GRILLE OUTSIDE



Heavy-Duty



Standard

## HEAVY-DUTY COOLERS INSIDE



Heavy-Duty



Standard

## Designed for dusty environment

The cooling system is mounted behind the cab, far from the rear bumper of the machine and from the ground: away from the dust.

# MAIN REASONS TO CHOOSE THE F-SERIES



## FAST CYCLES

ProShift transmission option reduces cycle times significantly thanks to the torque converter lock-up and the 5 speeds available.



## HIGH EFFICIENCY

Don't be surprised to see your fuel usage dramatically lower by, from 2 to 7 liters per hour, compared other technologies.

With Hi-eSCR and the Proshift option you will avoid significant energy losses and costs.



## HIGH RELIABILITY

- Heavy-duty axles
- 100% differential lock
- Unique cooling package



## SAFE AND EASY MAINTENANCE

The rear mounted engine below the electric easy-to open hood is accessible at ground level. Grouped drains rationalise maintenance operations.





## COMFORTABLE AND SAFE CAB

- ROPS/FOPS level 2
- Pressurised cab
- Wider glazed area for unbeatable visibility
- Spacious cab



## SUPERIOR COOLING EFFICIENCY

- Five radiators form a cube instead of overlapping.
- Designed to maintain constant fluid temperatures.



## SAFE WITH FLAMMABLE MATERIALS

The exhaust's maximum temperature is 50% lower without DPF. AdBlue sprayed directly in the exhaust works as a sparks arrester while reducing NOx levels.



## LOW EMISSIONS

We keep it simple! Hi-eSCR, our EU Stage IV (Tier 4 final) compliant technology does not require an EGR valve or a particulate filter. You just need to add AdBlue once every 4 diesel refill.

# F-SERIES WHEEL LOADERS



## COMFORTABLE AND SAFE CAB

### Wider and well protected cab

- Our reinforced cab guarantees protection against roll over (ROPS) and falling objects (FOPS).
- Our cab is also certified P2 level according to European Standards EN143, which means that 94% of airborne particles are filtered. When working in particularly tough conditions, additional pressurisation and particle filtration can be fitted.
- On Waste Handler models windshield guards, provide protection from falling pieces of solid waste.
- The CASE Cab is 2.06 m<sup>3</sup> and 1.64 m wide: it is the widest cab in the industry
- The air suspended seat features a high back design and lumbar adjustment, a saving grace during long working days. It includes seat heaters which warm up cold winter mornings.

# CAB AND SEAT COMFORT RULES



## HIGH VISIBILITY

Wide glazed surfaces  
and curved engine hood

You'll feel more confident and work faster with the great all-round visibility provided by the very low shape of the curved rear hood and the ample glazed surfaces.



## COMFORTABLE AND SAFE CAB

Low engine vibrations

- The rear mounted engine is far from the cab, further enhancing operator comfort.
- Engine noise and vibrations are reduced by the 3-step injection: pre-, main- and post-injection.

# F-SERIES WHEEL LOADERS



Windshield guard



Cylinder guards ejectors

- Lift cylinder guard
- Metal wrapped hoses
- Debris ejector



Rear light guards



Front light guards



Bottom guards (front and rear)



Articulation and front cover



# 721F ADDITIONAL OPTIONS

## HEAVY DUTY PROTECTION



### HIGH RELIABILITY

#### A full range of protecting guards

To make your wheel loaders last longer in the toughest conditions, Case offers a full package of 16 guards that you can select depending on the mission of each of your machines (on request on other models). Less maintenance, more uptime.



### SAFE WITH FLAMMABLE MATERIALS

#### With Hi-eSCR system

Handling wood, green waste and other flammable materials can be dangerous, especially outdoors. AdBlue sprayed directly in diesel exhaust reduces fire ignition risks. In addition, the maximum temperature of HI-eSCR is 500°C, 200°C less than the maximum temperature of a particulate filter.

# F-SERIES WHEEL LOADERS



The layout of the components under the hood is optimised and results in easier maintenance.



Hood opening and battery on/off switches. In case of flat battery, hood can be opened externally with Remote jump start



Grouped drains for clean and quick oil changes



## SAFE AND EASY MAINTENANCE

### Ground level serviceability

#### One-piece electric hood

The positioning of the engine at the rear and the easy-to-open electric hood provide fast access to the service points. Jumper cables are available as standard for jump starting the engine if the battery is low.

#### Grouped service points

Don't be surprised if you don't see any safety handrails around the hood or steps behind the rear wheels, all service points are easily accessible at ground level. You can do a fast visual check of the hydraulic and transmission oil levels. The three drains are grouped together on the left side, below the hood and battery switches, so that fluids are easy and quick to replace.

#### Greater safety

All the main service points are easily accessible from the ground, so you can carry out your daily maintenance safely and efficiently.

# MAINTENANCE AND TELEMATICS

## FAST AND EASY



## THE SCIENCE BIT

The Case SiteWatch telematics system uses a high-tech control unit mounted on each machine to collate information from that machine and from GPS satellites. This data is then sent wirelessly through the mobile communication networks to the Case Telematics Web Portal.



## SiteWatch: centralised fleet control benefits at your fingertips

### Measure your true asset availability and optimise it

- Eliminate the “phantom fleet”: SiteWatch allows to identify spare units or under loaded machines on each site.
- Become able to reallocate units where they are more needed.
- Forward Maintenance Planning is easier since the actualised working hours are always available.
- Extend the benefits of SiteWatch to the rest of your fleet: SiteWatch can be installed on the units of other brands as well.

### Challenge your Total Cost of Ownership!

- Being able to compare the fuel usage of different machine types will allow you choose the right equipment.
- Save on transport costs with planned and grouped maintenance tasks.
- Peace of mind, optimised uptime and lower repair costs: with preventive maintenance you can for example be alerted if the engine needs to be serviced and avoid a disruptive breakdown.
- Be able to compare your asset Return On Investment on different sites.
- Your equipment is used only during working hours. You can set up alerts so that you know if it is in use during the weekend or at night.
- Integrate with the programmed maintenance package, so that you can be sure every machine is at the right place at the right time.

### More Safety, Lower Insurance Premium

- Keep thieves away: dissuade them from attacking your asset because it is geo-localised. SiteWatch is hidden so that thieves can't find it quickly.
- Your fleet is used only where you decide. You can define a virtual fence and receive an email when a machine exits that perimeter.



# F-SERIES

## WHEEL LOADERS

### SPECIFICATIONS

#### ENGINE

The FPT engine is the NEF N67, which features a 6,7 liters displacement and 6 cylinders.

**Air intake** \_\_\_\_\_ Turbocharger with air-to-air cooling.No EGR valve is used: Only fresh air is taken for combustion and no extra cooling system is needed.

**Injection** \_\_\_\_\_ Common Rail Multiple Injection.

**After Treatment System** \_\_\_\_\_ HI-eSCR (DOC + SCR).

**Emission level** \_\_\_\_\_ Compliant with EU Stage IV and US Tier IV Final 6.

	721F	821F	921F
Max. power _____	145 kW/ 195 hp	172 kW/230 hp	190 kW/255 hp
SAE J1995 / ISO 14396 _____	@2000 rpm	@1800 rpm	@1600 rpm
Max. torque _____	950 Nm	1184 Nm	1300 Nm
SAE J1349 _____	@1300 rpm	@1300 rpm	@1300 rpm

#### TRANSMISSION

##### Proshift: 5-speed powershift with lock up

Lock-up clutch eliminates torque converter losses from second gear up to fifth gear.

**Power inch** \_\_\_\_\_ proportional declutching depending on braking intensity.

	7-13-19-30-40	6.6-11-17-26-40	6.4-11-17-26-40
Forward (km/h) _____			
Reverse (km/h) _____	8-14-31	7-12-28	7-12-28

##### 4-Speed powershift

Intelligent Clutch Cut Off (ICCO)

	8-13-25-37	7-12-23-37	7-12-23-36
Forward (km/h) _____			
Reverse (km/h) _____	8-13-26	7-13-25	7-13-25

#### AXLES AND DIFFERENTIAL

Rear axle total oscillation \_\_\_\_\_ 24°

**A-Choice** \_\_\_\_\_ Heavy duty axles with open differentials and automatic. 100% lock system on the front differential. 100% tractive effort on soft ground, no wheel slip, less tire wear.

**B-Choice** \_\_\_\_\_ Standard axles with limited slip differentials front and rear 73% tractive effort on soft ground.

#### TYRES

Tyres _____	20.5R25	I 23.5R25	I 23.5R25
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#### BRAKES

**Service brake** \_\_\_\_\_ Maintenance free, self-adjusting wet 4-wheel disc brakes.

Brake disc area (m²/hub) _____	0.39	I 0.39	I 0.47
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**Parking brake** \_\_\_\_\_ With the negative brake all four wheels are automatically stopped when the engine is stopped.

Disc brake area \_\_\_\_\_ 82 cm²

#### HYDRAULICS

**Valves** \_\_\_\_\_ Rexroth Closed-center, Load sensing hydraulic. Main valve with 3 sections.

**Steering** \_\_\_\_\_ The steering orbitrol hydraulically is actuated with priority valve.

**Automatic functions** \_\_\_\_\_ Bucket Return-to-dig, Boom Return-to-travel, Boom Auto-lift.

**Control type** \_\_\_\_\_ Pilot control with single joystick or two levers.

**Type of pump** \_\_\_\_\_ Tandem Variable displacement pump.

	206 l/min @2000 rpm	240 l/min @2000 rpm	282 l/min @2000 rpm
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#### AUXILIARY HYDRAULIC CIRCUIT

	240	240	240
Max flow* (l/min) _____			
Max pressure (bar) _____	224	224	224

#### SERVICE CAPACITIES

	246 lt	I 288 lt	I 288 lt
Fuel tank _____			
AdBlue tank (permanently heated by engine coolant) _____	41.3 lt	41.3 lt	41.3 lt
Cooling system _____	28 lt	30 lt	30 lt
Engine oil _____	13 lt	13 lt	13 lt
Hydraulic oil tank _____	91 lt	91 lt	91 lt
Total hydraulic system oil _____	180 lt	180 lt	200 lt
Front and Rear Axles _____	35 + 35 lt	40 + 40 lt	42 + 40 lt
Transmission oil _____	34 lt	34 lt	34 lt

#### CAB PROTECTION

Protection against falling

objects (FOPS) _____	ISO EN3449	I ISO EN3449	I ISO EN3449
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Protection against

roll over (ROPS) _____	ISO EN13510	I ISO EN13510	I ISO EN13510
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#### NOISE AND VIBRATION

Sound pressure level

at operator's station \_\_\_\_\_ 72 LpA as per ISO6395/6396/3744

Guaranteed Sound

power level \_\_\_\_\_ 103 LwA according to ISO6395/6396/3744

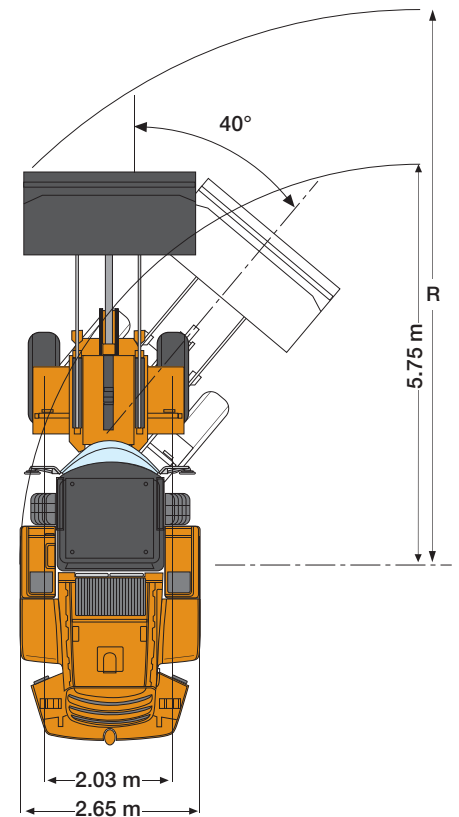
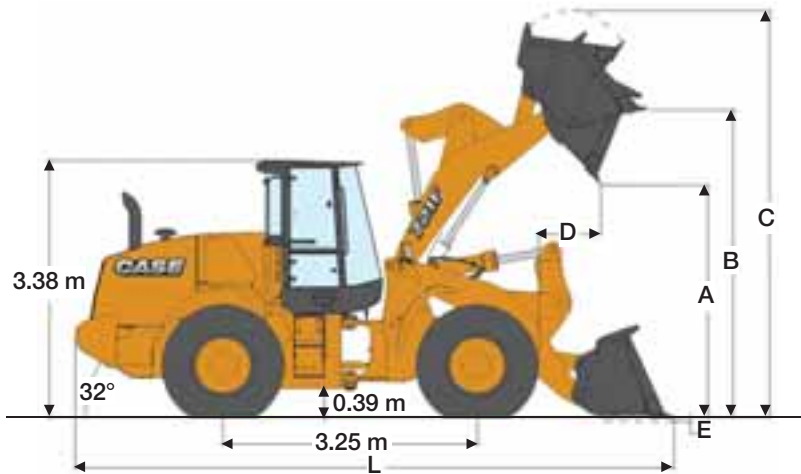
**Vibrations** \_\_\_\_\_ Air-cushioned seat. Operator 's seat meets the criteria of ISO 7096:2000 representing vertical vibration input under severe but typical operating conditions. As a result the vibrations transmitted by the machine to the operator body does not exceed 0.5 m/s².

#### ELECTRICAL SYSTEM

24V. Batteries 2 x 12V.

Alternator \_\_\_\_\_ 65A

## 721F GENERAL DIMENSIONS



### LOADER SPEED

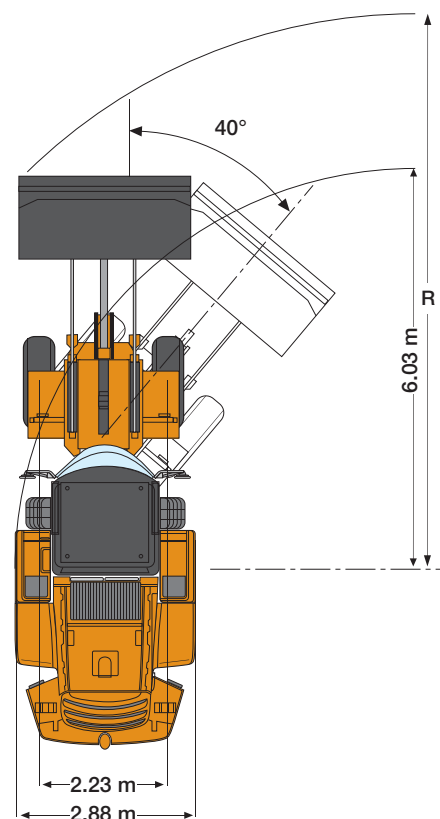
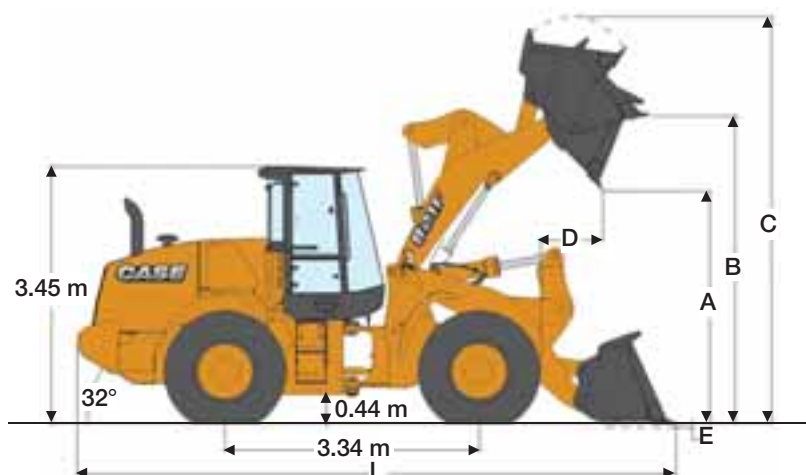
Raising time (loaded)	5.2 sec
Dump time (loaded)	1.2 sec
Lowering time (empty, power down)	2.5 sec
Lowering time (empty, float down)	2.4 sec

721F	Z-BAR buckets						XR buckets				XT buckets	
	Bucket with bolt on:	2.7 m³		2.4 m³ w/QC		2.7 m³ bucket		2.4 m³ w/QC		2.4 m³ w/QC		
		edge	teeth	edge	teeth	edge	teeth	edge	teeth	edge	teeth	
Bucket volume (heaped)	m³	2.7	2.7	2.4	2.4	2.7	2.7	2.4	2.4	2.4	2.4	
Bucket Payload	kg	5440	5369	5299	5325	4533	4464	4385	4409	4924	4946	
Maximum material density	tonnes/m³	2.0	2.0	2.2	2.2	1.7	1.7	1.8	1.8	2.1	2.1	
Bucket outside width	m	2.73	2.73	2.47	2.47	2.73	2.73	2.47	2.47	2.47	2.47	
Bucket weight	kg	1237	1344	1656	1619	1237	1344	1656	1619	1627	1590	
Tipping load - straight	kg	12435	12292	11356	11405	10419	10280	10129	10177	11280	11326	
Tipping load - Articulated at 40°	kg	10881	10738	10599	10649	9066	8927	8770	8818	9847	9893	
Breakout force	kg	14236	12885	12185	11284	14160	12817	12040	11151	12016	11193	
Lift capacity from ground	kg	13607	13480	13419	13462	11302	11177	11072	11115	13096	13111	
A - Dump height at 45° at full height	m	2.93	2.86	2.82	2.74	3.33	3.26	3.21	3.14	2.77	2.69	
B - Hinge pin height	m	3.98	3.98	3.98	3.98	4.37	4.37	4.37	4.37	4.16	4.16	
C - Overall height	m	5.52	5.52	5.51	5.51	5.91	5.91	5.90	5.90	5.67	5.66	
D - Bucket reach at full height	m	1.13	1.21	1.28	1.36	1.13	1.21	1.28	1.36	1.27	1.36	
E - Dig depth	cm	7.4	7.4	6.2	6.7	7.6	7.7	6.5	6.9	21	21.3	
Overall length without bucket	m	6.53	6.53	6.53	6.53	6.85	6.85	6.85	6.85	6.52	6.52	
L - Overall length with bucket on the ground	m	7.65	7.76	7.83	7.95	7.65	7.76	8.18	8.30	8.12	8.24	
R - Turning radius to front corner of the bucket	m	6.3	6.4	6.3	6.3	6.5	6.5	6.5	6.5	6.2	6.3	
Bucket rollback in carry position	°	43	43	38	38	41	41	36	36	58	58	
Dump angle at full height	°	55	55	61	61	55	55	61	61	54	54	
Machine operating weight	kg	14225	14532	14844	14807	14644	14751	15063	15026	14915	14878	

# F-SERIES

## WHEEL LOADERS

### 821F GENERAL DIMENSIONS

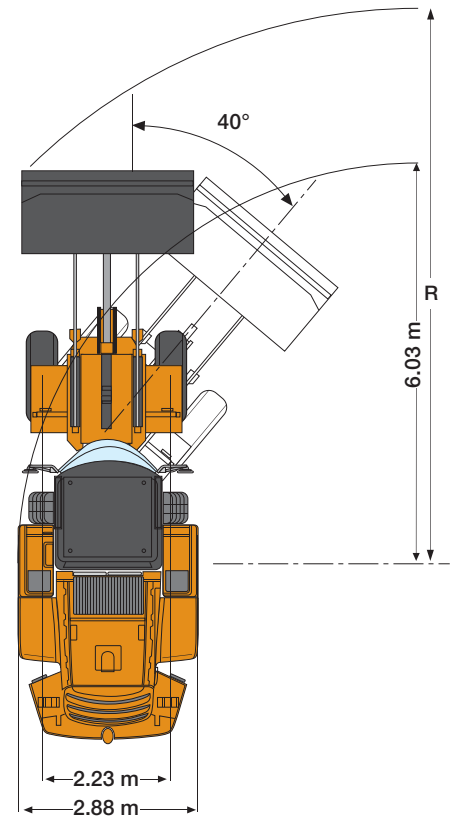
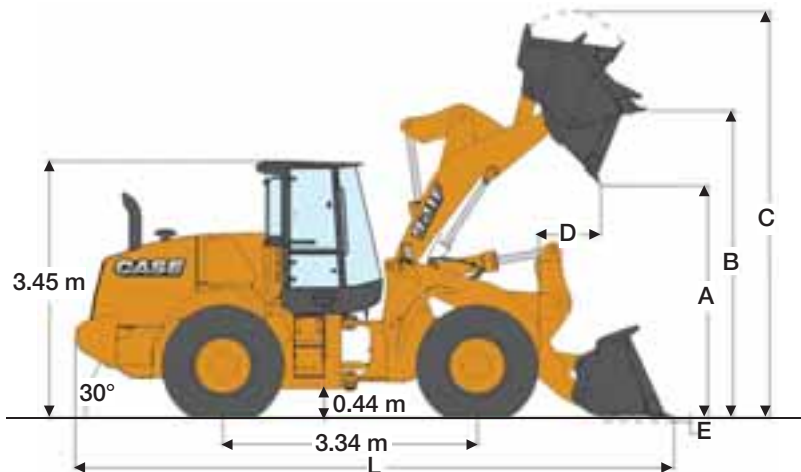


#### LOADER SPEED

Raising time (loaded)	6.2 sec
Dump time (loaded)	1.2 sec
Lowering time (empty, power down)	2.9 sec
Lowering time (empty, float down)	2.5 sec

821F		Z-BAR buckets				XR buckets			
		3.4 m <sup>3</sup>		3.2 m <sup>3</sup>		3.2 m <sup>3</sup>		2.8 m <sup>3</sup>	
	Bucket with bolt on:	edge	teeth	edge	teeth	edge	teeth	edge	teeth
Bucket volume (heaped)	m <sup>3</sup>	3.42	3.24	3.20	3.10	3.2	3.1	2.8	2.5
Payload	kg	6146	6268	6184	6295	4878	4970	4968	5123
Maximum material density	tonnes/m <sup>3</sup>	1.80	1.94	1.93	2.03	1.53	1.60	1.77	2.05
Bucket outside width	m	2.95	2.95	2.94	2.94	2.95	2.94	2.95	2.94
Bucket weight	kg	1550	1460	1520	1430	1520	1430	1366	1276
Tipping load - straight	kg	14203	14465	14284	14523	11366	11562	11547	11889
Tipping load - Articulated at 40°	kg	12293	12536	12367	12590	9756	9941	9936	10246
Breakout force	kg	15076	16133	15473	16676	15721	16953	18032	19496
Lift capacity from ground	kg	17976	18137	18055	18201	13725	13885	13938	14237
A - Dump height at 45° at full height	m	2.94	2.86	2.96	2.88	3.34	3.33	3.50	3.43
B - Hinge pin height	m	4.12	4.12	4.12	4.12	4.56	4.56	4.56	4.56
C - Overall height	m	5.49	5.49	5.45	5.45	5.89	5.89	5.73	5.73
D - Bucket reach at full height	m	1.17	1.13	1.15	1.27	1.26	1.38	1.14	1.26
E - Dig depth	cm	7	5	7	5	14	11	14	11
L - Overall length with bucket on the ground	m	7.94	8.06	7.90	8.03	8.39	8.52	8.23	8.35
Overall length without bucket	m	6.78	6.78	6.78	6.78	7.24	7.24	7.24	7.24
R - Turning radius to front corner of the bucket	m	6.6	6.7	6.6	6.6	6.9	6.9	6.8	6.8
Bucket rollback in carry position	°	44	44	44	44	43	43	43	43
Dump angle at full height	°	55	55	55	55	49	49	49	49
Machine operating weight	kg	17694	17604	17664	17574	18046	17956	17892	17802

## 921F GENERAL DIMENSIONS



### LOADER SPEED

Raising time (loaded)	6.2 sec
Dump time (loaded)	1.4 sec
Lowering time (empty, power down)	3.8 sec
Lowering time (empty, float down)	3.1 sec

		Z-BAR buckets		XR buckets	
		4.0 m <sup>3</sup>		4.0 m <sup>3</sup>	
	Bucket with bolt on:	edge	teeth	edge	teeth
Bucket volume (heaped)	m <sup>3</sup>	3.98	3.82	3.98	3.80
Bucket Payload	kg	7205	7245	5695	5735
Maximum material density	tonnes/m <sup>3</sup>	1.8	1.9	1.4	1.5
Bucket outside width	m	2.98	2.98	2.98	2.98
Bucket weight	kg	1922	1807	1922	1807
Tipping load - straight	kg	16765	16867	13361	13463
Tipping load - Articulated at 40°	kg	14409	14491	11389	11471
Breakout force	kg	17738	18886	18061	19209
Lift capacity from ground	kg	21587	21735	16739	16887
A - Dump height at 45° at full height	m	2.86	2.86	3.22	3.22
B - Hinge pin height	m	4.12	4.12	4.56	4.56
C - Overall height	m	5.71	5.71	6.15	6.15
D - Bucket reach at full height	m	1.05	1.16	1.19	1.3
E - Dig depth	cm	7	7	14	14
L - Overall length with bucket on the ground	m	7.92	8.07	8.41	8.56
Overall length without bucket	m	6.78	6.78	7.24	7.24
R - Turning radius to front corner of the bucket	m	6.6	6.7	6.6	6.7
Bucket rollback in carry position	°	44	44	43	43
Dump angle at full height	°	50	50	44	44
Machine operating weight	kg	20068	19953	20210	20095

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**SINCE 1842**

**CASE**  
CONSTRUCTION



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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

**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.

