

621F**621XS**[Voltar](#)

621F

A 621F está equipada com nosso motor FPT de 6 cilindros e 6,7 litros, que entrega 173 cv a uma transmissão Powershift de 4 velocidades. Com nosso exclusivo cubo de resfriamento, aprimoramos a eficiência do resfriamento, garantindo que cada resfriador receba ar ambiente frio e não recirculado. Além disso, posicionamos o cubo de resfriamento atrás da cabine, reduzindo assim a entrada de partículas de poeira nos resfriadores. Com o ventilador reversível, mantemos os resfriadores limpos mesmo nos ambientes de trabalho mais empoeirados.

CATÁLOGOS

621F

621XS

Soluções

CASE SiteWatch™**CASE SiteConnect**

Compatible Attachments

Your CASE equipment is the platform - your attachments make the difference in how much work you win and how profitable your machine is.



Varredor de ângulo

Varredor.

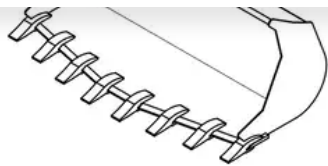


Garfos utilitários para construção com engate rápido

Garfos utilitários para construção.

621F

621XS



Caçamba para rochas em formato de delta / lâmina em V

Baldes.

Baldes de uso geral

Baldes.

MOSTRAR MAIS

ESPECIFICAÇÕES

Compare Specifications

Expandir tudo

Which specs are you looking for?

621F

621XS

Motor

**Potência do motor /
SAE J1349 (kW /
hp)**

128 / 172

97 / 130

621F

621XS

Torque do motor SAE J1349 (Nm)	730	443
Fabricante	FPT	FPT
Regulamentação de emissões	Nível 3	Nível 3
Não. cilindros	6	6
Indução de ar	Turbo	Turbo
Sistema de combustível	HPCR	HPCR
Capacidade l	6,7	6,7
Transmissão		
Tipo	Mudança de potência	Mudança de potência
Número de velocidades	F4 - R3	F4 - R3
Eixos		
Tipo	Trava de deslizamento limitado 100% HD (opcional)	Deslizamento limitado
Hidráulica		
Balde		
Peso da máquina		

621F**621XS**

Peso típico (kg)	12218	10708
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Carga de tombamento (kg)	9962	8713
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Carga de tombamento a 40° (kg)	8735	7365
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Desempenho da carregadeira

Capacidade de carga útil (kg)	4367	3947
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Força de desagregação da caçamba (kN)	99	68
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altura máxima de elevação	5,04	4,74
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Altura do pino da dobradiça (m)	3,83	3,52
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Altura de descarga (m)	2,68	2,63
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Alcance do balde (m)	1,16	1,05
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Dimensões de transporte

Comprimento (m)	7,57	6,96
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Largura (m)	2,52	1,97
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621F**621XS****Altura (m)**

3,39

3,18

Próximos passos

ENCONTRE UM REVENDEDOR**CONTATE-NOS**
**Médio Oriente
EQUIPAMENTO****SERVIÇO E SUPORTE****CASE WORLD****MAIS DO CASO****FERRAMENTAS DE COMPRA****ARE YOU A DEALER?****DEALER LOGIN****WANT TO BECOME A DEALER?****SUBMIT YOUR REQUEST**

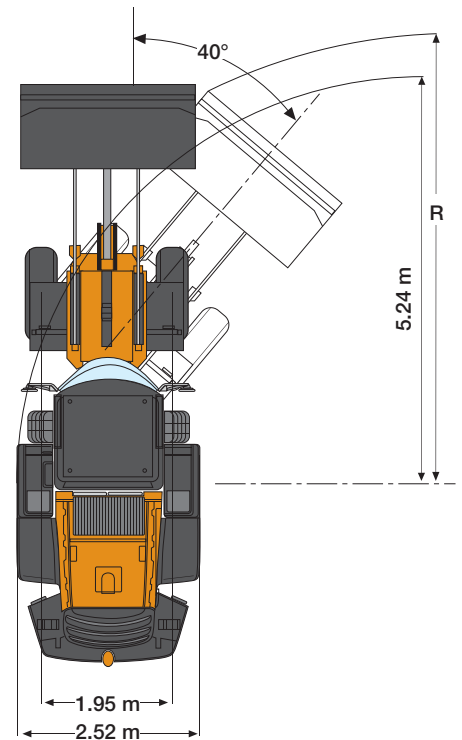
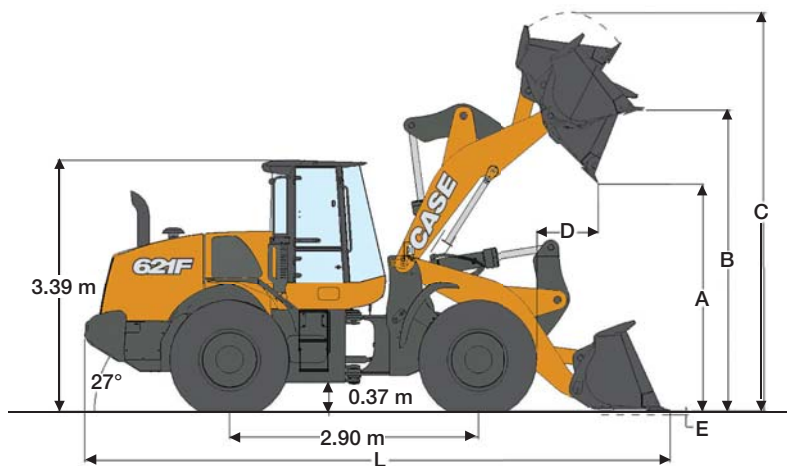
621F

621XS

VOLTAR AO TOPO



621F GENERAL DIMENSIONS



LOADER SPEED:

Raising time (loaded)	6.3 sec
Dump time (loaded)	1.2 sec
Lowering time (empty, power down)	4.4 sec
Lowering time (empty, float down)	4.4 sec

621F		Z-bar bucket				XR bucket				XT bucket	
		2.4 m³		2.0 m³ w/QC		2.2 m³		2.0 m³ w/QC		2.0 m³ w/QC	
		edge	teeth	edge	teeth	edge	teeth	edge	teeth	edge	teeth
	Volume, heaped (SAE)	m³	2.4	2.4	2.0	2.0	2.2	2.1	2.0	2.0	2.0
	Volume at 110% fill factor	m³	2.6	2.6	2.2	2.2	2.4	2.3	2.2	2.2	2.2
	Bucket Payload	kg	4371	4367	4519	4570	3707	3704	3708	3757	4092
	Maximum material density	ton/m³	1.84	1.85	2.26	2.29	1.70	1.73	1.85	1.88	2.05
	Bucket outside width	m	2.49	2.54	2.49	2.49	2.49	2.54	2.49	2.49	2.49
	Bucket weight	kg	941	968	1242	1168	890	916	1242	1168	1242
	Tipping load - straight	kg	9964	9962	10325	10426	8488	8485	8527	8624	9360
	Tipping load - Articulated at 40°	kg	8741	8735	9038	9139	7414	7407	7416	7514	8185
	Breakout force	kg	9819	10097	9472	9272	11233	11591	9503	9310	10595
	Lift capacity from ground	kg	9857	9956	13068	13175	11411	11410	11348	11436	14642
	A - Dump height at 45° at full height	m	2.75	2.68	2.71	2.69	3.24	3.17	3.19	3.18	2.65
	B - Hinge pin height	m	3.83	3.83	3.83	3.83	4.24	4.24	4.24	4.24	3.96
	C - Overall height	m	5.04	5.04	5.05	5.05	5.45	5.45	5.46	5.46	5.23
	D - Bucket reach at full height	m	1.08	1.16	1.12	1.16	1.01	1.01	1.22	1.25	1.23
	E - Dig depth	cm	9	9	9	8	9	9	10	9	18
	L - Overall length with bucket on the ground	m	7.47	7.57	7.53	7.56	7.75	7.86	7.93	7.97	7.78
	Overall length without bucket	m	6.28	6.28	6.28	6.28	6.69	6.69	6.69	6.69	6.20
	R - Turning radius to front corner of the bucket	m	5.7	5.8	5.7	5.7	5.9	6.0	5.9	5.9	5.8
	Bucket rollback in carry position	°	44	44	49	49	46	46	51	51	58
	Dump angle at full height	°	51	51	46	46	46	46	41	41	55
	Machine operating weight with XHA2 (L3) tyres	kg	12191	12218	12492	12418	12336	12362	12688	12614	12569
	Machine operating weight with X-mine D2 (L5) tyres	kg	12890	12917	13191	13117	13035	13061	13387	13313	13268

SPECIFICATIONS

ENGINE

	521F	621F	721F	821F	921F
FPT engine	N45	N67	N67	N67	N67
Cylinders	4	6	6	6	6
Displacement (l)	4.5	6.7	6.7	6.7	6.7
Air intake	Turbocharger with air-to-air cooling.				
Injection	Common Rail Multiple Injection.				
Emission level	Tier 2	Tier 3	Tier 3	Tier 3	Tier 2
Max. power (kW)	106	128	145	172	190
Max. power (hp)	142	172	195	230	255
(@rpm)	1800	1800	1800	1800	1800
(SAE J1349)					
Max. torque (N.m)	608	730	950	1184	1300
(@rpm)	1600	1600	1300	1300	1300
(SAE J1349)					

TRANSMISSION

4-Speed powershift by ZF with Intelligent Clutch Cut Off (ICCO)

Forward 1 (km/h)	6	7	8	7	7
Forward 2 (km/h)	11	13	13	12	12
Forward 3 (km/h)	22	24	25	23	23
Forward 4 (km/h)	36	39	37	37	36
Reverse 1 (km/h)	6.4	7	8	7	7
Reverse 2 (km/h)	12	14	13	13	13
Reverse 3 (km/h)	23	25	26	25	25

AXLES AND DIFFERENTIAL

Rear axle total oscillation 24°

A-Choice by ZF Heavy duty axles with open differentials and automatic. 100% lock system on the front differential. 100% tractive effort always, no wheel slip, less tire wear.

B-Choice by ZF Standard axles with limited slip differentials front and rear 73% tractive effort on slippery ground.

TYRES

Tyres	17.5R25	20.5R25	20.5R25	23.5R25	23.5R25
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BRAKES

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

Brake disc area (m²/hub)	0.31	0.39	0.39	0.39	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 (cm²)	58	58	82	82	82
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HYDRAULICS

	521F	621F	721F	821F	921F
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.				
(l/min)	134	171	206	240	282
(@rpm)	2000	2000	2000	2000	2000

AUXILIARY HYDRAULIC CIRCUIT

Max flow (l/min)	162	162	260	260	260
Max pressure (bar)	227	227	224	224	224

SERVICE CAPACITIES

Fuel tank (l)	189	248	246	288	288
AdBlue tank (l)	41.3	41.3	41.3	41.3	41.3
Cooling system (l)	22	26.8	28	30	30
Engine oil (l)	12	13	13	13	13
Hydraulic oil tank (l)	57	91	91	91	91
Total hydraulic system oil (l)	114	148	180	180	200
Front and Rear Axles (l)	22+22	22+22	35+35	40+40	42+40
Transmission oil (l)	19	27	34	34	34

CAB PROTECTION

Protection against falling objects (FOPS)

ISO EN3449

Protection against roll over (ROPS)

ISO EN13510

SOUND AND VIBRATION

In the cab - LpA (dB) (ISO 6595/6396/3744)	70	70	72	72	72
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Outside - LwA (dB) (SAE J88 SEP80)	102	104	105	107	107
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Vibrations Operator's seat meets the criteria of ISO 7096:2000. The vibrations transmitted do not exceed 0.5 m/s²

ELECTRICAL SYSTEM

24V. Batteries 2 x 12V.

Alternator (A)

65