



Cat[®] Sorting Grapple Forks

SMALL WHEEL LOADERS

Cat[®] Sorting Grapple Forks are used for numerous applications in log and lumber handling. Sorting logs by species and length, moving logs from stack piles for further processing, or unloading trucks the Sorting Grapple Fork is built to perform.

Features:

- Integrated pressure regulator provides flexibility to adjust the clamping load applied to the material according to the hardness of the lumber, ensuring the load is carried securely without damaging the material from heavy clamping forces.
- 2608 mm (103 in) clamp opening allows for handling of large or numerous logs. Dual steel and rubber clamp stops dampen impact of clamp with frame and improve working life of Sorting Grapple Fork.
- Hardened chrome plated pins are reinforced to maximize tool life and performance.
- Unmatched visibility to fork tips improving operator's productivity and operation safety.
- Durable steel, straight forks are designed to effortlessly slide under log piles and roll them into the grapple.
- Heavy-duty construction provides superior structural durability in aggressive logging conditions. Cat Sorting Grapple Forks incorporate box sectioned high strength steel for maximum bending resistance, and clamping force.

Bolt-on wear plates and fork tips

- Hardened bolt-on fork tips offer excellent penetration and wear life. Rounded tips prevent scarring or damaging logs during loading and sorting operations.
- Reducing owning and operating costs, bolt-on wear plates are located on the bottom of the grapple and can be easily replaced throughout the life of the tool, eliminating the need to weld on additional plating.

Fusion[™] coupler

- Fusion coupler interface is a Caterpillar patented wheel loader coupler system that provides performance that is virtually identical to a pin-on machine, with all the flexibility of a quick coupler system. The Fusion coupler minimizes the distance between the work tool and the tires to bring the center of gravity closer to the machine for improved stability and increased lifting capacity when compared to other coupler systems. The Fusion coupler uses an advanced constant pressure wedging system that provides a tight rattle-free fit reducing wear to machine and work tool.

Cat XT[™]-3 ES hosing

- Cat XT-3 ES hose, couplings, and O-ring face seals provide superior, leak-free performance and reliability. Hydraulic quick disconnects enable fast tool changes.

Compatibility

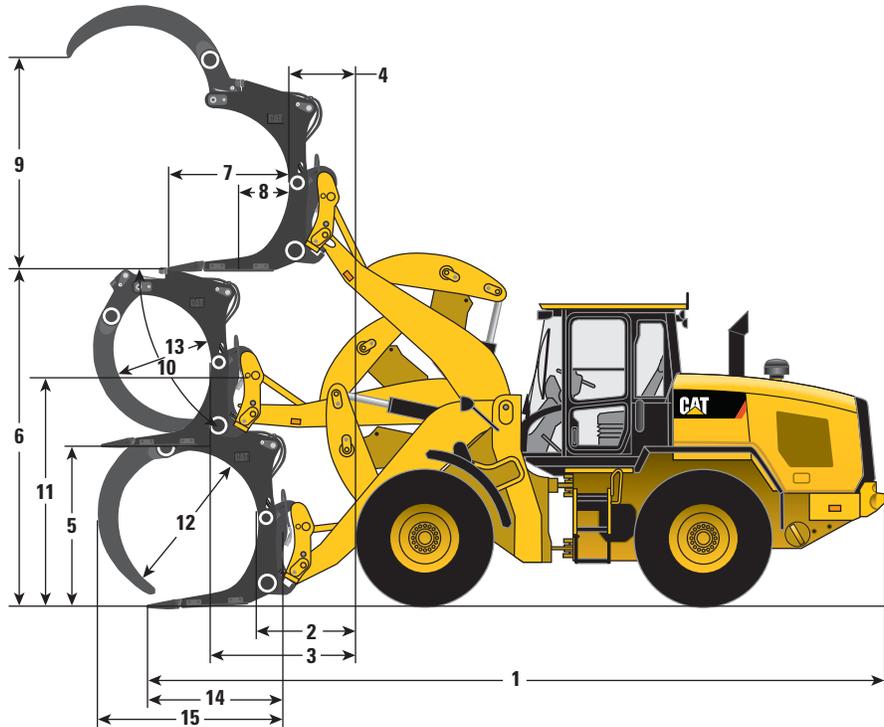
Model	Machine Compatibility
1812 mm (71 in)	930K, 938K, 930M, 938M

Machine model availability and attachment vary by region. Please contact your local dealer for availability.



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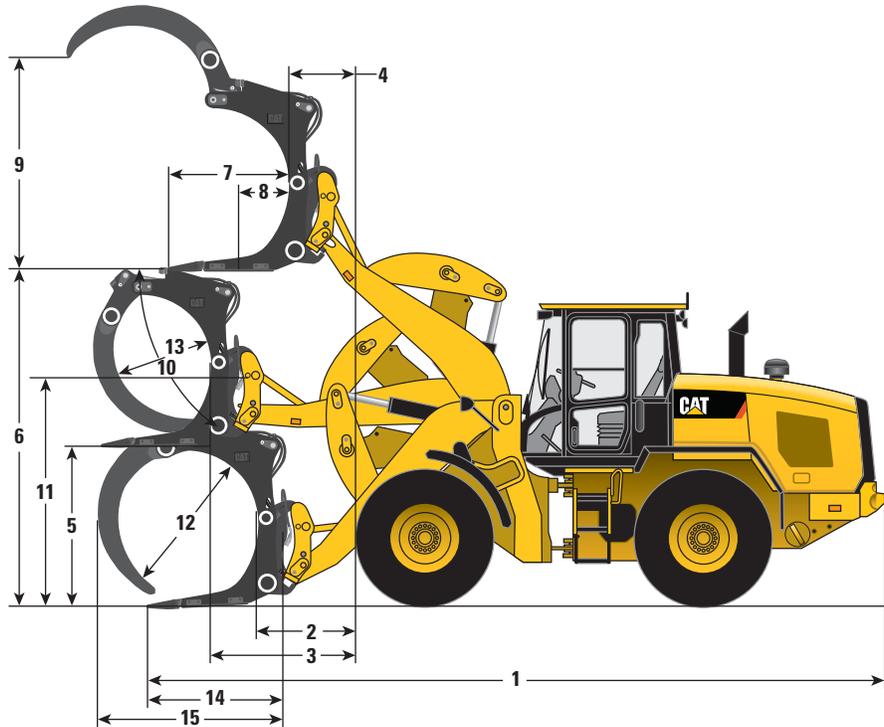
Specifications



			930K		938K		930M		938M	
			Fusion Interface							
1	Total Length (to Fork Tines)	mm (in)	7989	(315)	8051	(317)	7989	(315)	8051	(317)
2	Reach (Frame Center at Ground Level)	mm (in)	984	(39)	1021	(40)	984	(39)	1021	(40)
3	Reach (Frame Center at Mid-Height)	mm (in)	1562	(61)	1611	(63)	1562	(61)	1611	(63)
4	Reach (Frame Center at Full Height)	mm (in)	761	(30)	808	(32)	761	(30)	808	(32)
5	Fork at Load Height	mm (in)	1688	(66)	1724	(68)	1688	(66)	1724	(68)
6	Maximum Fork Height (Level)	mm (in)	3589	(141)	3652	(144)	3589	(141)	3652	(144)
7	Fork Tine Reach	mm (in)	1269	(50)	1269	(50)	1269	(50)	1269	(50)
8	Load Center (ISO-14397)	kg (lb)	635	(1,400)	635	(1,400)	635	(1,400)	635	(1,400)
9	Maximum Top Clamp Opening	mm (in)	2608	(103)	2608	(103)	2608	(103)	2608	(103)
10	Maximum Dump Angle at Maximum Lift	degree	51.8°		52.3°		51.8°		52.3°	
11	Coupler at Load Height	mm (in)	2475	(97)	2531	(100)	2475	(97)	2531	(100)
12	Grapple Area	m ² (ft ²)	1.92	(21)	1.92	(21)	1.92	(21)	1.92	(21)
13	Minimum Grapple Diameter	mm (in)	1020	(40)	1020	(40)	1020	(40)	1020	(40)
14	Fork Reach from Coupler	mm (in)	1460	(57)	1460	(57)	1460	(57)	1460	(57)
15	Total Tool Length	mm (in)	2000	(79)	2000	(79)	2000	(79)	2000	(79)
	Weight	kg (lb)	1765	(3,891)	1765	(3,891)	1765	(3,891)	1765	(3,891)

All machine specifications listed are Standard Lift Linkage machines equipped with Logger Counterweight Packages and Michelin 20.5R25 MX XHA2 tires.

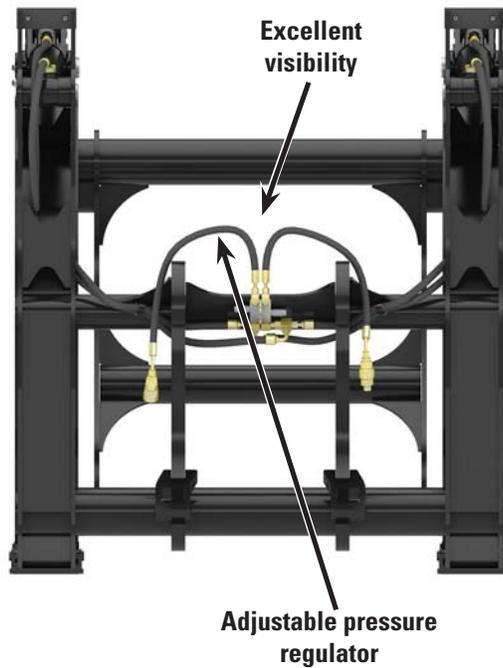
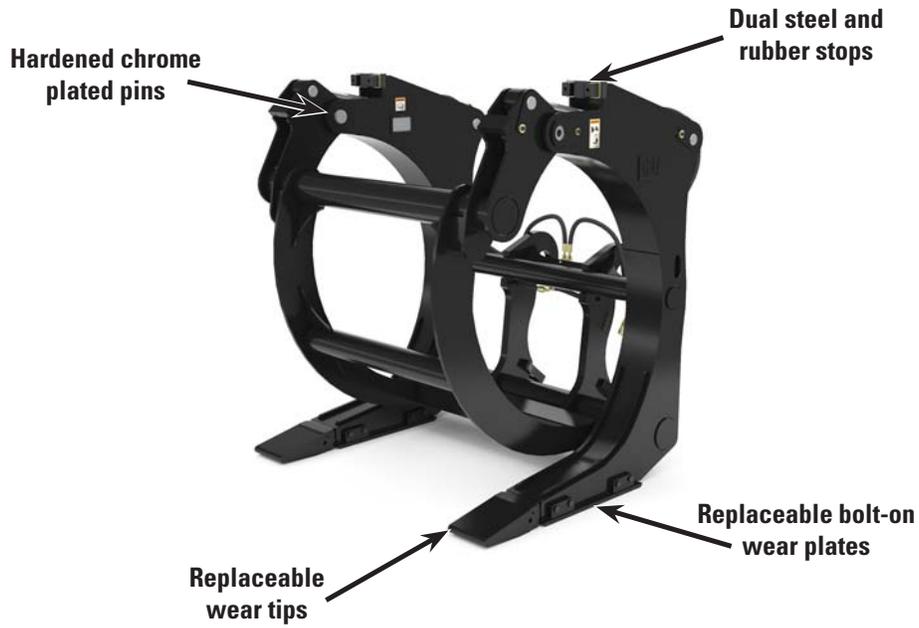
Specifications



		930K	938K	930M	938M
ISO Interface					
1	Total Length (to Fork Tines)	mm (in)	8005 (315)	8058 (317)	8005 (315) 8058 (317)
2	Reach (Frame Center at Ground Level)	mm (in)	999 (39)	1027 (40)	999 (39) 1027 (40)
3	Reach (Frame Center at Mid-Height)	mm (in)	1652 (65)	1691 (67)	1652 (65) 1691 (67)
4	Reach (Frame Center at Full Height)	mm (in)	850 (33)	888 (35)	850 (33) 888 (35)
5	Fork at Load Height	mm (in)	1777 (70)	1812 (71)	1777 (70) 1812 (71)
6	Maximum Fork Height (Level)	mm (in)	3678 (145)	3740 (147)	3678 (145) 3740 (147)
7	Fork Tine Reach	mm (in)	1269 (50)	1269 (50)	1269 (50) 1269 (50)
8	Load Center (ISO-14397)	kg (lb)	635 (1,400)	635 (1,400)	635 (1,400) 635 (1,400)
9	Maximum Top Clamp Opening	mm (in)	2608 (103)	2608 (103)	2608 (103) 2608 (103)
10	Maximum Dump Angle at Maximum Lift	degree	63°	63.6°	63° 63.6°
11	Coupler at Load Height	mm (in)	2474 (97)	2536 (100)	2474 (97) 2536 (100)
12	Grapple Area	m ² (ft ²)	1.92 (21)	1.92 (21)	1.92 (21) 1.92 (21)
13	Minimum Grapple Diameter	mm (in)	1020 (40)	1020 (40)	1020 (40) 1020 (40)
14	Fork Reach from Coupler	mm (in)	1460 (57)	1460 (57)	1460 (57) 1460 (57)
15	Total Tool Length	mm (in)	2000 (79)	2000 (79)	2000 (79) 2000 (79)
	Weight	kg (lb)	1701 (3,750)	1701 (3,750)	1701 (3,750) 1701 (3,750)

All machine specifications listed are Standard Lift Linkage machines equipped with Logger Counterweight Packages and Michelin 20.5R25 MX XHA2 tires.

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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