

Cat[®] Flexport[™] Tires

For Skid Steer Loaders and Wheel Loaders



COMFORTABLE. STABLE. DURABLE.

Created with operator comfort in mind, Flexport[™] Tires use a series of elliptical-shaped ports molded through the outer ring of the sidewalls. The ports increase tire flexibility to produce a smoother, more cushioned ride on any surface—from waste and scrap to quarry and glass. The ports won't crush under the weight of a full bucket, and the innovative design also improves machine stability when lifting and carrying.



Features & Benefits

- **Patented sidewall ports** make the ride more comfortable for operators.
- **Elliptical ports won't collapse** under heavy loads, reducing stress points for longer wear life.
- **Greater machine stability** when carrying maximum loads.
- **Deep tread delivers long wear life and excellent traction**—on any surface.
- **Tread pattern handles tough terrain**, and allows easy, smooth transitions from unimproved to improved surfaces.
- **Highest quality rubber compound manufactured to Caterpillar specifications** means durability for longer wear life and a consistent product.
- **Puncture-proof design** puts an end to fixing flats.
- **One-piece tire-and-rim design** reduces tire-servicing costs.

Cat® Flexport™ Tires are designed specifically for your wheel loaders and skid steer loaders. Available in three different tread patterns—construction, smooth-tread and OTR (off the road).



Construction Tread

Flexport Tires' construction tread design is the right choice for maximum performance in your toughest environments. It is designed for smaller machine applications where better traction is required.



Smooth-Tread

Cat Flexport Tires' smooth-tread design is ideal for special applications where debris is an issue like scrap yards, recycling centers and some waste transfer stations.



Off the Road (OTR)

The OTR design has a block pattern that provides a degree of traction in applications where debris is not an issue.

Applications	Building & Framing	Demolition	Hammering	Industrial Waste	Landscaping	Loading	Pavement Profiling	Quarry Cleanup	Recycling	Scrap Yard	Transfer Station
Flexport™ Construction	■	■	■	■	■	■	■				
Flexport™ Smooth-Tread		■		■				■	■	■	■
Flexport™ OTR	■	■	■		■	■		■	■	■	■

Cat® Flexport™ Tires for Skid Steer Loaders



Cat Flexport Tires for Skid Steer Loaders are a 1-piece tire / rim design and are available in directional construction, smooth and OTR tread patterns.

For most applications, the machine width can be customized by altering the placement of the rim on the machine.

Cat Flexport Tires are available on both new machines and from your Cat Dealer as service parts.

Flexport Part Number	Machine Application	Available for First Fit	First Fit Part Number	Available for Aftermarket	Tread Design	Flexport Size	Pneumatic Size Equivalent
3296989	216B3, 226B3, 242B3 (60" WIDTH)	Yes	2520367	Yes	Construction	31x6x10	10x16.5
3296990	216B3, 226B3, 242B3 (60" WIDTH)	Yes	2520367	Yes	Construction	31x6x10	10x16.5
3296989	242B3 (66" WIDTH)	Yes	2520378	Yes	Construction	31x6x10	10x16.5
3296990	242B3 (66" WIDTH)	Yes	2520378	Yes	Construction	31x6x10	10x16.5
3457585	216B3, 226B3, 242B3	No	NA	Yes	Smooth	31x6x10	10x16.5
3296783	236B3, 246C, 262C, 272C (72" WIDTH)	Yes	2520377	Yes	Construction	33x6x11	12 x 16.5
3296784	236B3, 246C, 262C, 272C (72" WIDTH)	Yes	2520377	Yes	Construction	33x6x11	12 x 16.5
3296785	236B3, 246C, 262C, 272C	No	NA	Yes	Smooth	33x6x11	12 x 16.5
3243427	236B3, 246C, 262C, 272C	No	NA	Yes	OTR	33x6x11	12 x 16.5
3243428	272C	No	NA	No	Construction	36x7x11.5	14x17.5
3243429	272C	No	NA	No	Construction	36x7x11.5	14x17.5
3457586	272C	No	NA	No	Smooth	36x7x11.5	14x17.5

Flexport Part Number	Rim Part Number	Rim Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)	Rim Pilot Hole Diameter - mm	Tire / Rim Assembly to Machine Torque	Tire / Rim Assembly Offset
3296989 3296990 3457585	3243422	8 / 17 / 203.2	152.5	163 +/- 7 Nm	32
3296783 3296784 3296785 3243427	3243423	8 / 17 / 203.2	152.5	163 +/- 7 Nm	45
3243428 3243429 3457586	3243424	8 / 17 / 203.2	152.5	163 +/- 7 Nm	74

Cat® Flexport™ Tires for Compact Wheel Loaders



Cat Flexport Tires for Compact Wheel Loaders are a 1-piece tire / rim design and are available in directional construction, smooth and OTR tread patterns.

Cat Flexport Tires are available on both new machines and from your Cat Dealer as service parts.

Flexport Part Number	Machine Application	Available for First Fit	First Fit Part Number	Available for Aftermarket	Tread Design	Flexport Size	Pneumatic Size Equivalent
3297296	904B	N	NA	Y	Construction	33x6x11	12 x 16.5
3297297	904B	N	NA	Y	Construction	33x6x11	12 x 16.5
3297298	904B	N	NA	Y	Smooth	33x6x11	12 x 16.5
3296091	904H	N	NA	Y	Construction	33x6x11	12x16.5
3296092	904H	N	NA	Y	Construction	33x6x11	12x16.5
3278482	904H	N	NA	Y	OTR	33x6x11	12x16.5
3157843	906H 907H (WITH FENDERS)	Y	3678903	Y	OTR	38x7x13.5	12.5/80/18
3157843	906H 907H (WITHOUT FENDERS)	Y	3679923	Y	OTR	38x7x13.5	12.5/80/18
3158629	906H 907H	N	NA	Y	Construction	38x7x13.5	12.5/80/18
3157844	906H 907H	N	NA	Y	Construction	38x7x13.5	12.5/80/18
3160014	908H	N	NA	Y	Construction	40x7.5x13.5	12.5x20
3160012	908H	N	NA	Y	Construction	40x7.5x13.5	12.5x20
3160016	908H	N	NA	Y	OTR	40x7.5x13.5	12.5x20
3199495	914G	N	NA	N	CON	53.5x9x16.5	15.5/17.5x25
3283482	914G	N	NA	N	CON	53.5x9x16.6	15.5/17.5x25
3537103	914G	N	NA	Y	OTR	53.5x9x16.5	15.5/17.5x25

Tire Rim Assy Part Number	Rim	Rim Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)	Rim Pilot Hole Diameter - mm	Tire / Rim Assembly to Machine Torque	Tire / Rim Assembly Offset
3297296 3297297 3297298	3243425	8 / 17 / 203.2	152.4	520 +/- 70 Nm	55
3296091 3296092 3278482	3278481	6 / 21.5 / 205	161.8	300 Nm	16
3157843 3158629 3157844	3240025	8 / 21 / 275	221	360 +/- 25 Nm	47.5
3160014 3160012 3160016	3240026	8 / 21 / 275	221	360 +/- 25 Nm	10
3199495 3283482 3537103	3537104	8 / 26 / 200	144	300+/-40 Nm + additional turn of 60 +/- 5 deg	53

Cat® Flexport™ Tires for Small Wheel Loaders



Cat Flexport Tires for Small Wheel Loaders are a 2-piece tire / rim design and are available in smooth and OTR tread patterns.

Installation of a Cat Flexport Tire on a Small Wheel Loader requires the use of an adapter plate and hardware as shown.

Cat Flexport Tires are available on both new machines and from your Cat Dealer as service parts.

Flexport Tire Part Number	Machine Application	Available for First Fit	First Fit Part Number	Available for Aftermarket	Tread	Flexport Size	Pneumatic Size Equivalent	Tire Assembly Weight (kg)
3297949	924Hz, 928H, 930H	N	NA	Y	OTR	59x9.5x21	20.5x25 LP	871
3243430	924Hz, 928H, 930H	N	NA	Y	Smooth	59x9.5x21	20.5x25 LP	900
3243436	930H (STANDARD FENDERS)	Y	3599267	Y	OTR	60.5x10.5x21	20.5x25	918
3243436	930H (HEAVY DUTY FENDERS)	Y	3603480	Y	OTR	60.5x10.5x21	20.5x25	918
3243437	930H (STANDARD FENDERS)	Y	3599268	Y	Smooth	60.5x10.5x21	20.5x25	956
3243437	930H (HEAVY DUTY FENDERS)	Y	3602481	Y	Smooth	60.5x10.5x21	20.5x25	956
3297949	938G	N	NA	Y	OTR	59x9.5x21	20.5x25 LP	871
3243430	938G	N	NA	Y	Smooth	59x9.5x21	20.5x25 LP	900
3243436	938K	Y	3737309	Y	OTR	60.5x10.5x21	20.5x25	918
3243437	938K	Y	3666912	Y	Smooth	60.5x10.5x21	20.5x25	956

Flexport Tire Part Number	Machine Application	Rim Part Number	Tire, Rim & Adapter Assembly			
			Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)	Pilot Hole Diameter (mm)	to Axle Torque	Offset
3297949 3243430 3243436 3243437	924Hz, 928H, 930H	3297948	16 / 26 / 250	201	300+/-40 Nm + additional turn of 60 +/- 5 deg	0
3297949 3243430	938G	3297948	16 / 26 / 275	222.5	570+/-80 Nm + additional turn of 60 +/- 5 deg	0
3243436 3243437	938K	3297948	16 / 26 / 250	201	750 +/- 50 Nm	0

Flexport Tire Part Number	Machine Application	Cat Adapter Disc	Blank Adapter Disc	Adapter Mounting Instructions	Adapter Hardware			Adapter Torque	Adapter Outer Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)
					bolt (x 80)	washer (x 160)	nut (x 80)		
3297949 3243430 3243436 3243437	924Hz, 928H, 930H	3368289	3641287	ASSEMBLE TO DEEP SIDE OF RIM	8T5878	8T1482	8T4001	900 +/- 100 Nm	20 / 26 / 673.2
3297949 3243430	938G	3368291	3641287	ASSEMBLE TO DEEP SIDE OF RIM	8T5878	8T1482	8T4001	900 +/- 100 Nm	20 / 26 / 673.2
3243436 3243437	938K	3694675	NA	ASSEMBLE TO DEEP SIDE OF RIM	8T5878	8T1482	8T4001	900 +/- 100 Nm	20 / 26 / 673.2

*Note: In certain machine configurations, Cat Flexport tires may cause the machine to exceed the Roll Over Protection Structure (ROPS) capacity. To be certain that the machine does not exceed ROPS, the machine should be weighed to verify that the ROPS limits would not be exceeded with Flexport Tires. The ROPS capacity can be found on the cab of the machine.

Cat® Flexport™ Tires for Medium Wheel Loaders



Cat Flexport Tires for Medium Wheel Loaders are a 2-piece tire / rim design and are available in smooth and OTR tread patterns.

Installation of a Cat Flexport Tire on a Medium Wheel Loader requires the use of an adapter plate and hardware as shown.

Cat Flexport Tires are available on both new machines and from your Cat Dealer as service parts.

Flexport Part Number	Machine Application	First Fit Part Number	Available for Aftermarket	Tread	Flexport Size	Pneumatic Size Equivalent	Tire Assembly Weight (kg)
3325712	950H / K, 962 H / K	3653745	Y	OTR	65x13x25	23.5x25	1241
3243431	950H / K, 962 H / K	3653746	Y	Smooth	65x13x25	23.5x25	1320
3160529	966H / K, 972 H / K	3653747	Y	OTR	70X14X28	26.5x25	1532
3229596	966H / K, 972 H / K	3653744	Y	Smooth	70X14X28	26.5x25	1654
3243432	980H / K	3595559	N	OTR	74.5x14.5x31.5	29.5x25	1951
3243433	980H / K	3595660	N	Smooth	74.5x14.5x31.5	29.5x25	2088

Flexport Tire Part Number	Machine Application	Rim Part Number	Tire, Rim & Adapter Assembly			
			Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)	Pilot Hole Diameter (mm)	to Axle Torque	Offset
3325712 3243431	950H / K, 962 H / K	3231707	20 / 26 / 310	262	570+/-80 Nm + additional turn of 60 +/- 5 deg	21.5
3160529 3229596	966H / K, 972 H / K	3160527	20 / 26 / 375	327	570+/-80 Nm + additional turn of 60 +/- 5 deg	0
3243432 3243433	980H / K	3231708	26 / 26 / 485	430	1000 +/- 25 Nm	306

Flexport Tire Part Number	Machine Application	Cat Adapter Disc	Blank Adapter Disc	Adapter Mounting Instructions	Adapter Hardware			Adapter Torque	Adapter Outer Bolt Pattern (No of holes / Hole Dia / Bolt Circle - mm)
					bolt (x 80)	washer (x 160)	nut (x 80)		
3325712 3243431	950H / K, 962 H / K	3641289	3368295	ASSEMBLE TO DEEP SIDE OF RIM	7X2577	2673507	2688262	900 +/- 100 Nm	20 / 26 / 673.1
3160529 3229596	966H / K, 972 H / K	3641290	3160526	ASSEMBLE TO DEEP SIDE OF RIM	7X2577	2673507	2688262	900 +/- 100 Nm	20 / 26 / 625
3243432 3243433	980H / K	NA	NA	NA	NA	NA	NA	NA	NA

*Note: In certain machine configurations, Cat Flexport Tires may cause the machine to exceed ROPS capacity. To be certain that the machine does not exceed ROPS, the machine should be weighed to verify that the ROPS limits will not be exceeded with Flexport Tires. The ROPS capacity can be found on the cab of the machine.

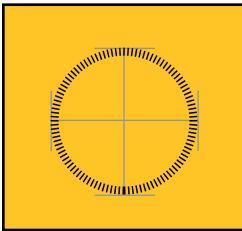


Warranty

Cat tires have a separate warranty statement covering defects in material and workmanship.

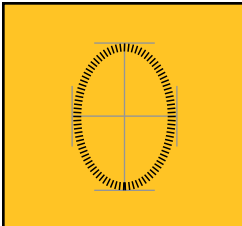
For more information, see us today or visit our web site at <http://parts.cat.com>

HEAD-TO-HEAD COMPARISON RESULTS: Flexport elliptical design far superior to round design



Other tire companies manufacture tires with round holes.

- The round design easily collapses into a flat shape under a load, which creates corners that cause “pinch” or “stress” points.
- Stress point damage will typically result in cracking and chunking of a tire.



Caterpillar designed Flexport Tires with elliptical-shaped ports.

- Flexport’s elliptical ports are designed not to crush when compressed by heavy weight.
- Because the ports don’t crush, this reduces stress points—and increases wear life.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat dealer network of highly trained experts can help you maximize your equipment investment.



