



**Construction Solid Series.
Engineered for the extreme.**



Engineered for the extreme.

The Construction Solid Series from Trelleborg is a range of tires, tracks and wheels built for the most demanding construction environments on earth. Engineered for the extreme our products are field-tested to ensure they meet the demands of the industry and provide an excellent total value of ownership.

Engineered for the extreme - the Trelleborg solid tire range provides excellent performance.

Designed for the extreme

Application specific features including steel base rings give strength and flexibility to handle excessive torque and high loads. The established Brawler range offers solidflex technology with its elliptical apertures, to provide a comfortable ride and reduce equipment and operator fatigue. Brawler HPS Soft Ride tires deliver higher shock absorption and reduced vibration, ensuring the best possible protection for operators and machines.

Premium compounding and advanced tire design combine to create products that last longer and help reduce downtime. Trelleborg construction solid range delivers value by maximizing machine productivity and efficiency.

For application specific needs, Trelleborg offers a range of custom sizes and treads.

Tested to the extreme

Working on the world's toughest jobs with the world's toughest machines, Brawler tires are OEM approved on a range of wheel loaders, skid steer loaders, telehandlers, boom lifts, trencher and compact tractors. Trelleborg tires perform in extreme environments including construction and demolition sites, waste management and underground mining.

Driven to the extreme

Trelleborg tires are rigorously tested to ensure maximum performance even under heavy load. The solid construction and durable cut resistant compound eliminates downtime caused by punctures and tire damage.

Tire Features



ELLIPTICAL APERTURES*



CUT RESISTANT COMPOUND



PUNCTURE RESISTANT



WHEEL & DISK SYSTEM



ANTI VIBRATION CONSTRUCTION



ULTRA DEEP TREAD

*only available with Solidflex tires

Construction Solid Tires. Premium Tires.

Brawler HPS

LOADER



HPS Solidflex Traction HPS Solidflex Smooth HPS Smooth

SKID STEER



HPS Solidflex Traction HPS Solidflex Smooth HPS Smooth

TELEHANDLER



HPS Solidflex Traction

Brawler HD

LOADER



HD Solidflex Smooth HD Smooth

SKID STEER



HD Solidflex Traction HD Solidflex Smooth HD Traction HD Smooth

BOOM LIFT



HD Solidflex Traction

SKS-900 Skid Steer



SKS-900 (R4) SKS-900 Smooth

Excavator



Excavator Excavator XL

Brawler HPS Soft Ride

PREMIUM OTR SOLID



HPS Solidflex
Traction

HPS Solidflex
Smooth

HPS
Smooth

HPS SOLIDFLEX TRACTION

Tire Size	Alternative Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
17.5-25 *	445/80-25	14.0-25	1,340	446	155	8,805
20.5-25 *	525/80-25	17.0-25	1,495	527	188	12,155
23.5-25 *	605/80-25	19.5-25	1,630	606	216	15,320
26.5-25 *	685/80-25	22.0-25	1,715	718	236	18,295
29.5-25 *		25.0-25	1,845	761	264	22,540

* Also available as standard version

HPS SOLIDFLEX SMOOTH

Tire Size	Alternative Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
17.5-25 *	445/80-25	14.0-25	1,340	446	155	8,805
20.5-25 *	525/80-25	17.0-25	1,495	527	188	12,155
23.5-25 *	605/80-25	19.5-25	1,630	606	216	15,320
26.5-25 *	685/80-25	22.0-25	1,715	718	236	18,295
29.5-25 *		25.0-25	1,845	761	264	22,540
18.00-33		13.0-33	1,831	457	216	12,000

* Also available as standard version

HPS SMOOTH

Tire Size	Alternative Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
20.5-25 *	525/80-25	17.0-25	1,495	527	188	16,210
23.5-25 *	605/80-25	19.5-25	1,630	606	216	20,425
26.5-25 *	685/80-25	22.0-25	1,715	718	236	24,390
29.5-25 *		25.0-25	1,845	761	264	30,050

* Also available as standard version

Notes: Tread depth on smooth tires indicates wearable rubber.
All Brawler™ HPS tires are available as either an assembly or as tire only.

Brawler HD Loader

PREMIUM OTR SOLID



HD Solidflex
Smooth

HD Smooth

HD SOLIDFLEX SMOOTH

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
55x10x18	17.5-25	1,397	457	254	127	10,010
59x12x20.5	20.5-25	1,500	521	292	165	11,835
62x13x21	20.5-25	1,575	533	330	191	12,575
66x16x24	23.5-25	1,675	610	406	254	14,665
69x17x28	26.5-25	1,755	711	432	279	17,770
73x18x31	29.5-25	1,855	787	450	305	20,360
80x18x35	35/65-33	2,030	889	457	305	26,550

HD SMOOTH

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
55x10x18	17.5-25	1,397	457	254	127	13,345
59x12x20.5	20.5-25	1,500	521	292	165	15,780
62x13x21	20.5-25	1,575	533	330	191	16,765
66x16x24	23.5-25	1,675	610	406	254	19,555
69x17x28	26.5-25	1,755	711	432	279	23,695
73x18x31	29.5-25	1,855	787	450	305	27,150
80x18x35	35/65-33	2,030	889	457	305	35,400

Brawler HPS Skid Steer

PREMIUM SOLID



HPS Solidflex
Traction

HPS Solidflex
Smooth

HPS
Smooth

HPS SOLIDFLEX TRACTION

Tire Size	Pneumatic Equivalent Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
30x10-16	10-16.5	6.00-16	759	236	44	3,000
31x10-20	10-16.5	7.5-20	785	254	41	2,815
33x12-20	12-16.5	7.5-20	840	284	56	2,970
36x14-20	14-17.5	7.5-20	915	356	71	3,310
40x14-20	15-19.5	10.0-20	1,015	356	94	4,955

HPS SOLIDFLEX SMOOTH

Tire Size	Pneumatic Equivalent Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x10-20	10-16.5	7.5-20	785	254	41	2,815
33x12-20	12-16.5	7.5-20	840	284	56	2,970
36x14-20	14-17.5	7.5-20	915	356	71	3,310
40x14-20	15-19.5	10.0-20	1,015	356	94	4,955

HPS SMOOTH

Tire Size	Pneumatic Equivalent Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x10-20	10-16.5	7.5-20	785	254	41	3,755
33x12-20	12-16.5	7.5-20	840	305	56	3,960
36x14-20	14-17.5	7.5-20	915	356	71	4,415
40x14-20	15-19.5	10.0-20	1,015	356	94	6,605

Brawler HD Skid Steer

PREMIUM SOLID



HD Solidflex
Traction

HD Solidflex
Smooth

HD
Traction

HD
Smooth

HD SOLIDFLEX TRACTION

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x6x10	10-16.5	785	254	158	48	3,000
33x6x11	12-16.5	840	279	155	61	3,600
36x7x11	14-17.5	915	279	168	71	3,885

HD SOLIDFLEX SMOOTH

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x5x9	10-16.5	785	229	131	48	2,690
33x6x8	8-16	840	203	156	61	2,500
33x6x10	12-16.5	840	254	156	61	3,340

HD TRACTION

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x5x7	7.50-16	785	178	131	38	2,460
31x5x8	10-16.5	785	229	131	38	3,290
33x6x8	8-16	840	203	156	46	2,875
33x6x10	12-16.5	840	254	156	46	3,705

HD SMOOTH

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
31x5x7	7.50-16	785	178	131	48	2,460
31x5x9	10-16.5	785	229	131	48	3,290
33x6x8	8-16	840	203	156	61	2,875
33x6x10	12-16.5	840	254	156	61	3,705
36x7x11	14-17.5	915	279	169	117	4,245

SKS-900 Skid Steer

PREMIUM SOLID



SKS-900
(R4)

SKS-900
Smooth

Tire Size	Pneumatic Equivalent Size	Rim Size	Pattern	Overall Diameter [mm]	Section Width [mm]	Load Capacity 10 km/h [kg]
31x10-20	10-16.5	7.5-20	R4	775	236	2,380
31x10-20	10-16.5	7.5-20	Smooth	775	236	2,380
33x12-20	12-16.5	7.5-20	R4	828	287	3,075
33x12-20	12-16.5	7.5-20	Smooth	828	287	3,075

Brawler HPS Telehandler

PREMIUM SOLID



HPS Solidflex
Traction

HPS SOLIDFLEX TRACTION

Tire Size	Pneumatic Equivalent Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
43x15-24	405/70-20	10.0-24	1,090	380	82	5,600
47x17-24	405/70-24	10.0-24	1,190	430	100	6,300
13.00-24		8.5-24	1,295	330	102	5,935
14.00-24	385/95-24 *	8.5-24	1,345	356	112	6,705

* Alternative metric size

Brawler HD Boom Lift

PREMIUM SOLID



HD Solidflex
Traction

HD SOLIDFLEX TRACTION

Tire Size	Pneumatic Equivalent Size	Overall Diameter [mm]	Section Width [mm]	Rubber Thickness [mm]	Tread Depth [mm]	Load Capacity 10 km/h [kg]
39x6x15	39x15-22.5	991	381	147	45	6,240
43x6x14.5	385/65D22.5	1,092	368	147	52	6,665
46x6x18	445/65D22.5	1,181	451	152	52	9,085

Excavator

PREMIUM SOLID



Excavator Excavator XL

EXCAVATOR

Tire Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Static Load (Kg)	Load Capacity 10 km/h [kg]
10.00-20	7.0/7.5/8.0-20	1,005	240	7,550	5,450
12.00-20	8.0/8.5-20	1,092	256	9,515	6,865

N.B.: Can also be purchased as dual assembly

EXCAVATOR XL

Tire Size	Rim Size	Overall Diameter [mm]	Section Width [mm]	Static Load (Kg)	Load Capacity 10 km/h [kg]
8.25-20	6.5-20	950	228	5,510	3,980
9.00-20	6.5/7.0-20	994	208	6,795	4,905
10.00-20	7.0/7.5/8.0-20	1,023	253	7,550	5,450
12.00-20	8.0/8.5-20	1,093	278	9,515	6,865

N.B.: Excavator and Excavator XL are not for use on forklift trucks

Brawler Mining Series. Engineered for the extreme.



PREMIUM SOLID

Underground mines require equipment that keeps running. Tires are a critical element to this equipment, which are exposed to rocky debris, sharp-edged walls, high load capacities and heat. The Mining Series from Trelleborg has been designed to perform in these conditions delivering an excellent whole life cost.

Maximum Performance: All Brawler tires feature a solid construction and durable cut resistant mining compound which helps eliminate downtime caused by punctures and tire damage. Brawler tires are proven to last outlasts foam filled pneumatics.

Maximum Safety: We work closely with the Original Equipment Manufacturers to ensure all our products meet their rigorous safety demands. Brawler tires are designed to work in the world's toughest environments and to protect machines and operators through better stability, tougher build, premium components. Our aim is simple - to provide tires that keep the machines running and operators safe.



**EXCELLENT WEAR
RESISTANCE**



**ROBUST
SIDEWALL**



**PUNCTURE
RESISTANT**



**CUT RESISTANT
COMPOUND**

Brawler Custom Sizes & Treads.

Wrapped Specialty Sizes

Trelleborg offers a range of custom solutions to meet your specialist needs. We understand that some demanding environments call for larger tires or custom treads.

We will work with you to produce the right tire that delivers the best total value of ownership.

Our dedicated engineering staff will work with you to build a tire in any size up to 82 inches tall and custom traction tread up to 5 inches deep.

- Compatible OEM fitment
- Built to handle extreme conditions and heavy loads
- Premium mining rubber for extended life
- Custom traction options available
- Increased load carrying capacity over pneumatic tires
- Less maintenance than pneumatic tires



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