



Engineered for the extreme

**PREMIUM SOLID TIRES FOR
THE CONSTRUCTION INDUSTRY**



The Trelleborg Construction Series

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

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

PREMIUM SOLID CONSTRUCTION TIRES: THE TRELLEBORG BRAWLER SERIES

Engineered for the extreme the Trelleborg Brawler Series 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 of up to 40% more than pneumatic tires. The solidflex technology with its elliptical apertures provides a comfortable ride and helps to reduce equipment and operator fatigue.

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. Brawler tires perform in extreme environments including construction and demolition sites, waste management and underground mining.

Driven to the extreme

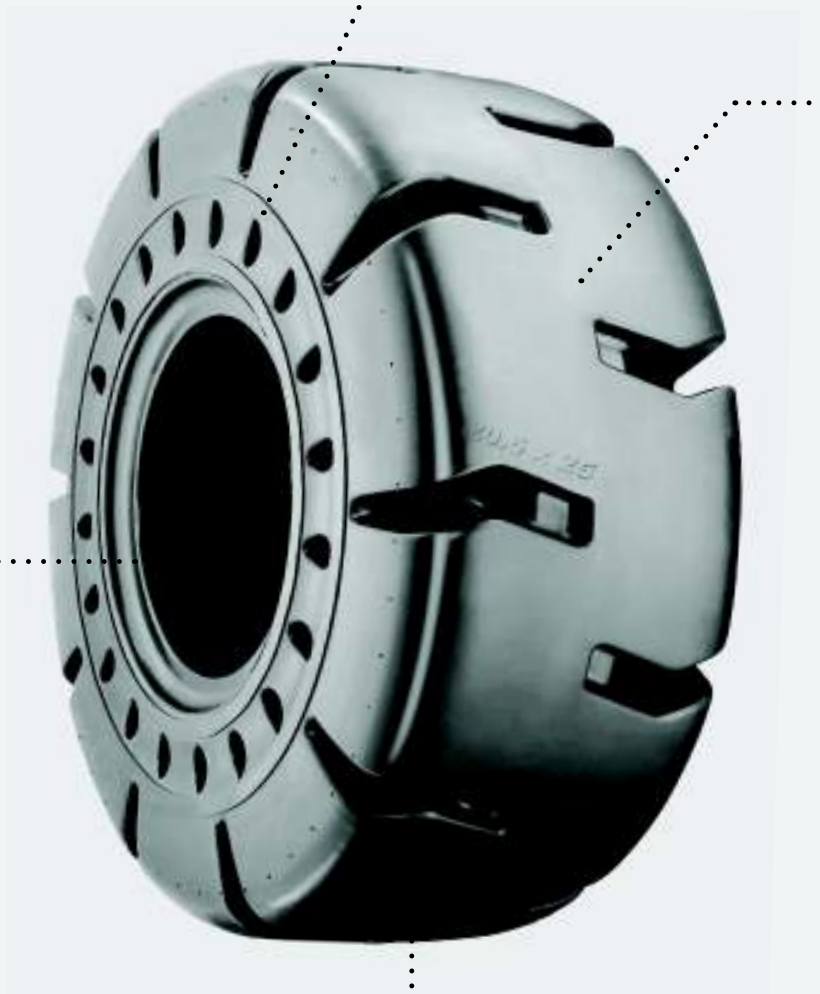
Brawler tires are rigorously tested to ensure maximum performance even under heavy load. Brawler's solid construction and durable cut resistant compound eliminates downtime caused by punctures and tire damage.



TRELLEBORG PROVIDES SOLUTIONS FOR:

VEHICLE TYPE	PRODUCT RANGE	
 Wheel Loaders	Brawler HPS & HD	
 Skid Steer Loaders	Brawler HPS & HD	
 Telehandlers	Brawler HPS	
 Boom Lift	Brawler HD	
 Wheeled Excavator	Trelleborg Excavator	

Brawler HPS Loader Solidflex Traction



RIM ADHERENCE

Brawler HPS tires press-on to flat based wheels. Steel base rings ensure strict rim adherence.



TREAD DESIGN

Double-width, multi-step tread design provides exceptional traction and is designed to minimize debris being picked up by the tire.



ELLIPTICAL APERTURES

Elliptical apertures provide a softer ride comparable to a foam filled pneumatic tire, reducing equipment and operator fatigue.



CUT-RESISTANT COMPOUND

Premium tread rubber compound engineered for high abrasion application and superior tire life, with greater resistance to cutting and chunking.



TREAD DESIGN

Deep, self-cleaning step lugs provide excellent traction even on dirt, sand, mud and gravel.



WHEEL AND DISK SYSTEM

Brawler HD tires feature a two piece patented wheel and disk system that allows easy tire and wheel interchangeability.



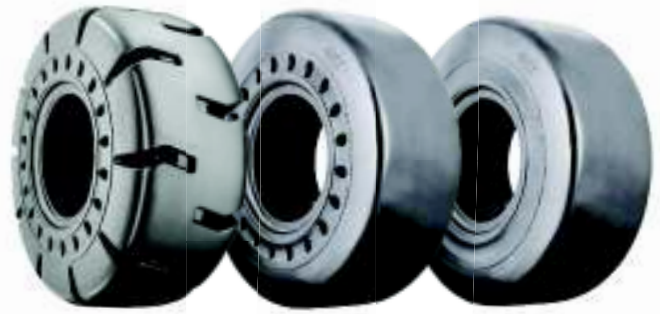
Brawler HD Skid Steer Solidflex Traction

Brawler HPS Loader



Brawler HPS (High Performance Solid) tires are designed to perform in extreme environments including scrap metal recycling, waste transfer stations and mining operations.

- Up to 3 times more wearable rubber than pneumatic tires
- Fits OEM wheels
- Elliptical apertures deliver a comfortable ride
- Custom traction tread available up to 7 inches deep



HPS Solidflex Traction

HPS Solidflex Smooth

HPS Smooth



Tire Size	Tire O.D. mm	Width mm	Tread Depth* mm	Tire Weight kg	Load Capacity @10 km/h kg	Load Capacity @16 km/h kg	Load Capacity @25 km/h kg
HPS SOLIDFLEX TRACTION							
17.5x25/14	1340	446	155	520	8805	7665	7045
20.5x25/17	1495	527	188	795	12155	10575	9725
23.5x25/19	1630	606	216	1112	15320	13330	12260
26.5x25/22	1715	718	236	1478	18295	15920	14640
29.5x25/25	1845	761	264	1853	22540	19610	18035
HPS SOLIDFLEX SMOOTH							
17.5x25/14	1340	446	155	552	8805	7665	7045
20.5x25/17	1495	527	188	824	12155	10575	9725
23.5x25/19	1630	606	216	1149	15320	13330	12260
26.5x25/22	1715	718	236	1534	18295	15920	14640
29.5x25/25	1845	761	264	1924	22540	19610	18035
HPS SMOOTH							
17.5x25/14	1340	446	155	563	11745	10220	9400
20.5x25/17	1495	527	188	835	16210	14105	12970
23.5x25/19	1630	606	216	1168	20425	17770	16340
26.5x25/22	1715	718	236	1557	24390	21220	19515
29.5x25/25	1845	761	264	1956	30050	26145	24040

*Tread depth on smooth tires indicates depth of usable rubber.

Brawler HD Loader



Brawler HD tires are designed to perform in extreme environments where good ride quality is required including scrap metal recycling centers, waste transfer stations and mining operations.

The Brawler HD features a two piece patented wheel and disk system that allows tire and wheel interchangeability by simply changing the disk.

- Comfortable ride comparable to foam filled pneumatic tires
- Steel wheels engineered to handle heavy loads, excessive torque, severe shear and bending stress
- Custom traction tread available up to 7 inches deep.



HD Smooth

HD Solidflex Smooth



Tire Size	Pneumatic Equivalent Size	Tire O.D. mm	Width mm	Rubber Thickness mm	Tread Depth* mm	Tire Weight kg	Load Capacity @10 km/h kg	Load Capacity @16 km/h kg	Load Capacity @25 km/h kg
HD SMOOTH									
55x10x18	17.5-25	1395	457	254	127	681	13345	11615	10680
59x12x20.5	20.5-25	1500	521	292	165	987	15780	13730	12625
62x13x21	20.5-25	1575	533	330	190	1089	14950	13010	11960
66x16x24	23.5-25	1675	610	406	254	1469	19555	17015	15645
69x17x28	26.5-25	1755	711	432	279	1866	23695	20615	18960
73x18x31	29.5-25	1855	787	450	305	2277	27150	23625	21720
80x18x35	35/65-33	2030	889	457	305	3284	35400	30800	28320
HD SOLIDFLEX SMOOTH									
55x10x18	17.5-25	1395	457	254	127	672	10010	8710	8010
59x12x20.5	20.5-25	1500	521	292	165	894	11835	10300	9470
62x13x21	20.5-25	1575	533	330	190	1033	11210	9755	8970
66x16x24	23.5-25	1675	610	406	254	1383	14665	12760	11735
69x17x28	26.5-25	1755	711	432	279	1758	17770	15460	14220
73x18x31	29.5-25	1855	787	450	305	2148	20360	17715	16290
80x18x35	35/65-33	2030	889	457	305	3207	26550	23100	21240

*Tread depth on smooth tires indicates depth of usable rubber.

Brawler HD Skid Steer



Brawler Skid Steer tires are designed to eliminate downtime and provide superior performance in severe duty applications. They feature an enhanced rubber compound designed for greater resistance to cutting and chunking. Trelleborg manufactures Solidflex tires that feature elliptical apertures and HD tires that are aperture free.

- Durable cut resistant rubber compound eliminates downtime caused by tire damage
- No specialized equipment required to install
- Passed the rigorous testing of OEMs such as Bobcat, Case, Caterpillar, Gehl and New Holland



HD Smooth & Traction

HD Solidflex Smooth & Traction (R4)



Tire Size	Pneumatic Equivalent Size	Tire O.D.	Width	Rubber Thickness	Tread Depth	Tire Weight	Load Capacity @10 km/h	Tread
	mm	mm	mm	mm	mm	kg	kg	
HD SOLIDFLEX SMOOTH & TRACTION								
31x6x10	10-16.5	785	254	157	48	104	3000	TR
33x6x11	12-16.5	840	279	155	61	127	3600	TR
36x7x11	14-17.5	915	279	168	71	155	3885	TR
33x6x8	8.00-16	840	203	155	61	117	2500	SM
31x5x9	10-16.5	785	229	130	61	115	2690	SM
33x6x10	12-16.5	840	254	155	61	132	3340	SM

HD SMOOTH & TRACTION								
31x5x7	7.50-16	785	178	131	74	89	2460	SM
31x5x7	7.50-16	785	178	131	38	86	2460	TR
33x6x8	8.00-16	840	203	156	61	119	2875	SM
33x6x8	8.00-16	840	203	156	46	117	2875	TR
23x4x8	23x8.50x12	585	203	94	43	56	2345	SM
28x5x8	6.50-16	710	203	122	122	79	2610	SM
31x5x9	10-16.5	785	229	131	74	120	3290	SM
31x5x9	10-16.5	785	229	131	38	111	3290	TR
33x6x10	12-16.5	840	254	156	61	145	3705	SM
33x6x10	12-16.5	840	254	156	46	141	3705	TR
36x7x11	14-17.5	915	279	169	117	191	4245	SM
40x9x13	15-19.5	1015	330	220	168	291	5100	SM

Brawler HPS Skid Steer



Brawler HPS (High Performance Solid) Skid Steer tires are designed to perform in extreme environments including scrap metal recycling, waste transfer stations and mining operations. The Brawler HPS Solidflex features elliptical apertures to deliver a comfortable ride resulting in reduced equipment and operator fatigue.

- Durable cut resistant rubber compound eliminates downtime caused by tire damage
- Deep lug tread design offers 3 times more wearable rubber than a pneumatic tire



HPS Solidflex Traction HPS Solidflex Smooth HPS Smooth



Tire Size	Pneumatic Equivalent Size	Tire O.D. mm	Width mm	Tread Depth mm	Tire Weight kg	Load Capacity @25 km/h kg
HPS SOLIDFLEX TRACTION						
31x10-20/7.5	10-16.5	785	254	41	69	2815
33x12-20/7.5	12-16.5	840	305	56	98	2970
36x14-20/7.5	14-17.5	915	356	71	142	3310
40x14-20/10	15-19.5	1015	356	94	203	4955
HPS SOLIDFLEX SMOOTH						
31x10-20/7.5	10-16.5	785	254	41	77	2815
33x12-20/7.5	12-16.5	840	305	56	104	2970
36x14-20/7.5	14-17.5	915	356	71	155	3310
40x14-20/10	15-19.5	1015	356	94	215	4955
HPS SMOOTH						
31x10-20/7.5	10-16.5	785	254	41	79	3755
33x12-20/7.5	12-16.5	840	305	56	106	3960
36x14-20/7.5	14-17.5	915	356	71	161	4415
40x14-20/10	15-19.5	1015	356	94	220	6605

Brawler HPS Telehandler



Brawler HPS (High Performance Solid) Telehandler tires are designed to perform in demanding environments.

The wide, flat tread design provides excellent stability and the counter-weight required by telehandlers on rough terrain. The Solidflex design features patented elliptical apertures to deliver a comfortable ride prolonging operating time for equipment which results in reduced equipment and operator fatigue.



HPS Solidflex Traction



Tire Size	Tire O.D. mm	Width mm	Tread Depth mm	Tire Weight kg	Load Capacity @10 km/h kg	Load Capacity @16 km/h kg	Load Capacity @25 km/h kg
HPS SOLIDFLEX TRACTION							
13.00-24/8.5	1295	330	102	304	5935	5165	4750
14.00-24/8.5	1345	356	112	370	6705	5835	5365
43x15-24/10	1090	380	82	228	5600	4870	4480
47x17-24/10	1190	430	100	325	6300	5480	5040

Brawler HD Boom Lift



Brawler HD tires are designed and engineered to provide superior stability and safety for Aerial Work Platform applications.

- Elliptical apertures that provide a pneumatic type ride without the bounce
- Premium mining rubber compound, that is more resistant to cuts and chunks

FEATURES AND BENEFITS

- Maintenance free – no worries about flats or downtime
- Low profile tire enhancing center of gravity

APPLICATIONS

- Telescopic Booms
- Mobile Cranes
- Scissor Lifts



HD Solidflex Traction

Tire Size	Equivalent pneumatics	Overall Diameter mm	Width mm	Rubber Thickness mm	Tread Depth mm	Tire Weight kg	Load Capacity @10 km/h kg
HD SOLIDFLEX TRACTION							
43x6x14.5	385/65D22.5	1092	368	147	52	297	6665
46x6x18	445/65D22.5	1181	451	152	52	376	9085

Trelleborg Excavator



Trelleborg Excavator tires offer excellent traction and stability through their innovative tread design and construction while keeping machine downtime to a minimum by eliminating punctures. This tire delivers superb performance in environments where safety is paramount and downtime unacceptable.

The Trelleborg Excavator range is ideal for use in the construction, waste management and timber industries.

The Excavator XL, a wider version of the Excavator, offers better stability for more demanding applications.



Excavator Excavator XL

Type	Description	Available Rims	Tire O.D. mm	Width mm	Static Load mm	Load Capacity @25km/h kg
EXCAVATOR						
Excavator	Dual Assembly 10.00-20	7.0; 7.5 & 8.0	1010	560	15100	10000
Excavator	Single 10.00-20	7.0; 7.5 & 8.0	1010	240	7550	5000
Excavator	Dual Assembly 12.00-20	8.0 & 8.5	1098	630	19220	12600
Excavator	Single 12.00-20	8.0 & 8.5	1098	258	9510	6250
Excavator XL	Dual Assembly 10.00-20	7.0; 7.5 & 8.0	1023	570	15100	10000
Excavator XL	Single 10.00-20	7.0; 7.5 & 8.0	1023	261	7550	5000
Excavator XL	Dual Assembly 12.00-20	8.0 & 8.5	1093	620	19220	12600
Excavator XL	Single 12.00-20	8.0 & 8.5	1093	278	9510	6250

Brawler Custom Sizes & Treads

WRAPPED SPECIALTY SIZES

Trelleborg Wheel Systems 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 80.0" tall and custom traction tread up to 7 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





Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.