



# STARCO HS Flotation

A premium wheel and tyre solution perfect for agricultural implements that work hard in the field and roll fast on the road.

- ▶ **Maximum stability** in the field and on the road due to a unique radial construction.
- ▶ **Reduced ground pressure** due to the flat profiled tyre and the large footprint.
- ▶ **Optimum rolling** due to a special-optimised line pattern, shoulder traction and combined flotation pattern construction.
- ▶ **Better self-cleaning** due to the intelligent placement of the mud breakers in the tread bottom.
- ▶ **Perfect fit** allows for upgrade of existing implements due to standard dimensions.
- ▶ **Improved reliability** due to STARCO's rust preventing e-coat technology of the steel wheel and a perfect match between tyre and wheel for less air loss.
- ▶ **STARCO engineered, developed and manufactured** wheel.

## Upgrade existing implements

Most implement-tyres are traditionally not designed for high speed use. The special tread design and construction of STARCO HS Flotation radial tyres allow for upgrading existing implements.

	Kg	Km/h	Bar
<b>Transport, high load at high speed</b>	3,550	65	5.0
<b>Implement tools, high load at normal speed</b>	3,969	40	4.4
<b>Seeding, high load at high speed</b>	3,109	15	2.4



<b>Tyre</b>	400/55R17
<b>Wheel</b>	13.00x17, e-coated with safety humps
<b>Speed</b>	Low speed and high speed applications up to 65km/h
<b>Application</b>	Harrows, rollers, seed drills, trailers and the like
<b>Overall diameter (mm)</b>	882
<b>Rolling circumference (mm)</b>	2714
<b>Section width (mm)</b>	410
<b>Type of use</b>	50% / 50% on road and in field
<b>Compliance</b>	PAH, R106

## Load calculation based on speed and pressure

SPEED	1.0 bar	1.2 bar	1.4 bar	1.6 bar	1.8 bar	2.0 bar	2.2 bar	2.4 bar	2.6 bar	2.8 bar	3.0 bar	3.2 bar	3.4 bar	3.6 bar	3.8 bar	4.0 bar	4.2 bar	4.4 bar	4.6 bar	4.8 bar	5.0 bar
10km/h	2085	2320	2539	2745	2941	3128	3307	3480	3647	3809	3965	4118	4267	4412	4554	4692	4828	4961	5092	5220	5325
15km/h	1863	2073	2268	2452	2627	2794	2955	3109	3258	3402	3542	3679	3812	3941	4068	4192	4313	4432	4549	4664	4757
20km/h	1710	1902	2082	2251	2412	2565	2712	2854	2991	3123	3252	3377	3499	3618	3734	3848	3959	4068	4175	4281	4367
25km/h	1668	1856	2031	2196	2353	2502	2646	2784	2918	3047	3172	3294	3413	3529	3643	3754	3863	3969	4074	4176	4260
30km/h	1668	1856	2031	2196	2353	2502	2646	2784	2918	3047	3172	3294	3413	3529	3643	3754	3863	3969	4074	4176	4260
35km/h	1668	1856	2031	2196	2353	2502	2646	2784	2918	3047	3172	3294	3413	3529	3643	3754	3863	3969	4074	4176	4260
40km/h	1668	1856	2031	2196	2353	2502	2646	2784	2918	3047	3172	3294	3413	3529	3643	3754	3863	3969	4074	4176	4260
45km/h	1599	1779	1947	2105	2255	2398	2536	2668	2796	2920	3040	3157	3271	3382	3491	3597	3702	3804	3904	4002	4083
50km/h	1515	1686	1845	1995	2137	2273	2403	2529	2650	2768	2882	2992	3100	3206	3309	3410	3508	3605	3700	3794	3870
55km/h	1390	1547	1693	1830	1961	2085	2205	2320	2431	2539	2644	2745	2844	2941	3036	3128	3219	3308	3395	3480	3550
60km/h	1390	1547	1693	1830	1961	2085	2205	2320	2431	2539	2644	2745	2844	2941	3036	3128	3219	3308	3395	3480	3550
65km/h	1390	1547	1693	1830	1961	2085	2205	2320	2431	2539	2644	2745	2844	2941	3036	3128	3219	3308	3395	3480	3550

The e-coat is an electrodeposition coating process, in which steel wheels are given a priming coat that will prevent rust and corrosion throughout the normal working life of the wheel.

The coating process is environmentally friendly and serves as a rust prevention coating in itself - and also as an excellent primer to prepare the wheel for subsequent bespoke painting.

By this STARCO is using the latest automotive nanotechnology pre-treatment.

STARCO is the only manufacturer of pressed wheels with e-coat technology.



## About e-coating

### About STARCO – a Kenda company

STARCO has been a pioneering force in the wheel and tyre industry for more than 55 years. Today, 550 STARCONians make up a great team bound by a passion to develop, manufacture and deliver clever wheel solutions. STARCO's specialty is low and high volume standard and bespoke complete wheels for a wide range of applications – from the smallest wheelbarrow or trailer, to large agricultural or industrial machines and implements.

With factories in the UK, Croatia, Sri Lanka and China, as well as eight sales and distribution locations across Europe, STARCO has a widespread distribution network. STARCO had a turnover of 110 million EUR in 2016. STARCO is a part of the Kenda Group that is one of the world's leading tyre and tube manufacturers with factories all over the world and 11,000 employees globally.

[Learn more at starco.com](http://starco.com)