



GALILEO

CUPWHEEL



**INTRODUCING THE REVOLUTIONARY
CUPWHEEL TECHNOLOGY**

THE NEXT GENERATION OF TIRES

SUSTAINABLE MOBILITY

The next generation of tires

Galileo CupWheel tires deliver enhanced performance capabilities based on a brand-new design concept.

By combining the traction and flotation advantages of rubber tracks with the roadability, efficiency and compatibility advantages of radial tires, Galileo CupWheel tires offer a highly beneficial, affordable and road-friendly hybrid solution.



Unique Double V Shape



STANDARD TIRE

CUPWHEEL



**SOIL
COMPACTION**

Up to 40% less ground pressure and soil compaction for protecting crops and soil.



**HIGHER SIDEWALL
DURABILITY**

The double V shape increases sidewall durability and protection.



**INCREASED
TRACTION**

Up to 40% increased traction (depending on soil type), for enhanced machinery and farming efficiency.



RUN FLAT

Even at a total loss of air pressure, you can keep driving to "finish your day". The Galileo CupWheel ensures zero downtime



**SMOOTHER
RIDE**

Smoother ride on all types of terrains, for the benefit of both the driver and the equipment.



**LATERAL
STABILITY**

Lateral stability is independent of inflation pressure, allowing safe and comfortable rides at high speeds and low pressures, even in narrow curves.

GALILEO TIRES ARE PERFECT FOR A LARGE RANGE OF HEAVY VEHICLES, TERRAINS AND INDUSTRIES, INCLUDING:



For reduced soil compaction, increased traction, enhanced efficiency and smoother off and on-road driving.



For increased traction, enhanced efficiency, smoother driving, run-flat capability and improved durability in harsh conditions.



For better traction, reduced rutting effect, zero downtime and ultimate flotation.

COMPARISON OF FEATURES

		TRACKS	STANDARD TIRE	SOLID TIRE
Soil Compaction	● ●	● ●	●	N / A
Traction	● ●	● ● ●	●	●
Flotation	● ● ●	● ● ●	●	N / A
Lateral Stability	● ● ●	● ● ●	●	● ● ●
Run-Flat Capability	● ● ●	● ● ●	N / A	● ● ●
Self Cleaning	● ● ●	●	●	●
Roadability/Comfort	● ● ●	●	● ●	●
Durability	● ●	●	● ●	● ● ●
Loads	● ●	● ● ●	● ●	● ● ●
Off-road Fuel Consumption	● ● ●	●	● ●	● ●
Cost	\$\$	\$\$\$\$	\$	\$\$\$

OFF AND ON-ROAD DRIVING

AGRICUP

THE IDEAL PNEUMATIC SOLUTION FOR FARMING MACHINERY



The design of the AgriCup aims to solve problems farmers deal with. Our patented technology with mega-sized foot-print that brings supreme flotation, a uniform load distribution with reduced soil

compaction & zero downtime thanks to our sidewall durability. Increase effectivity & productivity and get an unmatched driving and working experience in comparison to all solutions available in the market to date.

OUR BENEFITS



TECHNICAL DATA

SIZE	RCOM. RIM	APP. RIMS	LI/SS	LOADED STATIC RADIUS	TREAD TYPE	TREAD DEPTH	SW	OD	ROLLING CIRC.
				mm		mm	mm	mm	
				in		1/32	in	in	
360/70R24CW	DW11	DW10L	122D	510	R-1W+	48	335	1140	3400
				20.1		60	13.7	46.5	133.9

SIZE	INFLATION PRESSURE	SPEED, KM/H (MPH)					
		RECOMMENDED LOAD KG / LB					
		10	25	30	40	50	65
360/70R24CW	bar	10	25	30	40	50	65
	psi	6	16	19	25	31	40
	0.6	1500	1185	1150	1095	1050	1000
	8.7	3310	2620	3540	2420	2320	2210
	0.8	1785	1410	1369	1303	1250	1190
	11.6	3940	3110	3020	2880	2760	2630
	1.0	2025	1600	1553	1478	1420	1350
	14.5	4470	3530	3430	3260	3140	2980
1.2	2250	1778	1725	1643	1580	1500	
17.4	4970	3920	3810	3630	3490	3310	

Unit: Metric [mm, kg, bar, sq. cm], Imperial [in, lbs, psi, sq. in]

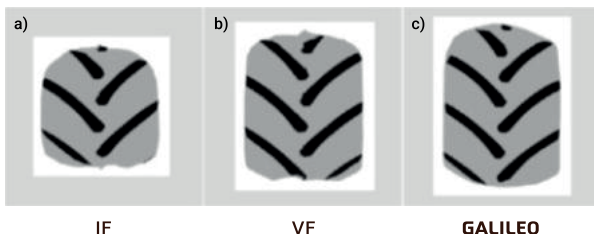
AGRICUP

THE IDEAL PNEUMATIC SOLUTION FOR FARMING MACHINERY

SIZE	RCOM. RIM	APP. RIMS	LI/SS	LOADED STATIC RADIUS		TREAD TYPE	TREAD DEPTH		SW	OD	ROLLING CIRC.
				mm	in		mm	in			
				mm	in		mm	in			
600/65R28CW	DW20B	DW18L DW21B	154D	655	25.8	R-1W	50	597	1484	4405	
							63	23.5	58.4	173.4	

SIZE	INFLATION PRESSURE	SPEED, KM/H (MPH)									
		RECOMMENDED LOAD KG / LB									
		40	10	15	20	25	30	40	50	65	70
	bar	Dual	6	9	12	16	19	25	31	40	44
	psi	Dual	6	9	12	16	19	25	31	40	44
600/65R28CW	0.6	2400	3750	3350	3080	2960	2880	2740	2630	2500	
	9	5290	8260	7380	6780	6520	6340	6040	5790	5510	
	0.8	2840	4440	3970	3640	3510	3400	3240	3110	2960	2690
	12	6260	9780	8740	8020	7730	7490	7140	6850	6520	5930
	1.0	3240	5060	4520	4150	3990	3880	3690	3540	3370	3070
	15	7140	11150	9960	9140	8790	8550	8130	7800	7420	6760
	1.2	3600	5630	5030	4610	4440	4310	4110	3940	3750	3410
17	7930	12400	11080	10150	9780	9490	9050	8680	8260	7510	

FOOTPRINT-LENGTH 600/65R28CW



Measured footprints of tires with 600/65R28CW proportions (a) commercial IF tire (b) commercial VF tire (c) CupWheel

TECHNICAL DATA

SIZE	RCOM. RIM	APP. RIMS	LI/SS	LOADED STATIC RADIUS		TREAD TYPE	TREAD DEPTH	SW	OD	ROLLING CIRC.
				mm	mm		mm	mm		
				in	1/32		in	in		
480/70R34CW	DW15L	DW14L DW16L	143D	700	R-1W+	56	485	1599	4688	
				275		71	19.8	65.3	184.6	

SIZE	INFLATION PRESSURE	SPEED, KM/H (MPH)					
		RECOMMENDED LOAD KG / LB					
		10	25	30	40	50	65
	bar	6	16	19	25	31	40
	psi	10	25	30	40	50	65
480/70R34CW	0.6	2730	2160	2100	2000	1920	1820
	8.7	6020	4770	4630	4410	4240	4020
	0.8	3230	2550	2480	2360	2260	2150
	11.6	7130	5630	5470	5210	4990	4740
	1.0	3680	2910	2820	2690	2580	2450
	14.5	8120	6420	6220	5940	5690	5410
	1.2	4090	3230	3140	2990	2870	2725
	17.4	9020	7130	6930	6600	6330	6010

Unit: Metric [mm, kg, bar, sq. cm], Imperial [in, lbs, psi, sq. in]

OUR BENEFITS



SUPERIOR FLOTATION



INCREASED TRACTION



REDUCED SOIL COMPACTION



SIDEWALL DURABILITY



RUN FLAT CAPABILITIES



SELF CLEANING



UNIFORM LOAD DISTRIBUTION

AGRICUP

THE IDEAL PNEUMATIC SOLUTION FOR FARMING MACHINERY

SIZE	RCOM. RIM	APP. RIMS	LI/SS	LOADED STATIC RADIUS	TREAD TYPE	TREAD DEPTH	SW	OD	ROLLING CIRC.
				mm		mm	mm	mm	
				in		1/32	in	in	
420/85R38CW	DW15L	DW14L	149D	740	R-1W	49	446	1672	4920
				29.1		62	17.6	65.8	193.7

SIZE	INFLATION PRESSURE	SPEED, KM/H (MPH)				
		RECOMMENDED LOAD KG / LB				
	bar	10	25	30	40	50
420/85R38CW	psi	6	16	19	25	31
	0.6	2080	1840	1780	1660	1660
	0.8	2590	2300	2210	2070	2070
	12	5700	5070	4870	4560	4560
	1.0	3050	2710	2610	2440	2440
	15	6720	5970	5750	5370	5370
	1.2	3500	3110	3000	2800	2800
17	7710	6850	6610	6170	6170	

Unit: Metric [mm, kg, bar, sq. cm], Imperial [in, lbs, psi, sq. in]

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SELF CLEANING



UNIFORM LOAD DISTRIBUTION

TECHNICAL DATA

SIZE	RCOM. RIM	APP. RIMS	LI/SS	LOADED STATIC RADIUS	TREAD TYPE	TREAD DEPTH	SW	OD	ROLLING CIRC.
				mm		mm	mm	mm	
				in		1/32	in	in	
710/70R38CW	DW23B	DW25B	166D	850	R-1W	60	760	1940	5749
				33.5		76	29.9	76.4	226.3

SIZE	INFLATION PRESSURE	SPEED, KM/H (MPH)									
		RECOMMENDED LOAD KG / LB									
		40	10	15	20	25	30	40	50	65	70
	bar										
	psi	Dual	6	9	12	16	19	25	31	40	44
710/70R38CW	0.6	3390	5300	4730	4340	4180	4060	3870	3710		
	9	7470	11670	10420	9560	9210	8940	8520	8170		
	0.8	4010	6270	5600	5140	4950	4810	4580	4390	4180	3800
	12	8830	13810	12330	11320	10900	10590	10090	9670	9210	8370
	1.0	4570	7140	6380	5850	5640	5470	5210	5000	4760	4330
	15	10070	15730	14050	12890	12420	12050	11480	11010	10480	9540
	1.2	5090	7950	7100	6520	6280	6100	5800	5570	5300	4820
17	11210	17510	15640	14360	13830	13440	12780	12270	11670	10620	



IRRICUP

THE UNIQUE AIRLESS SOLUTION WITH EXTENDED FOOTPRINT



The tire that works like a track: IrriCup by Galileo Wheel – the most advanced innovation in mobile irrigation today. 100% airless tires, no flats. Flexible on drivetrain system, reducing wear and tear. Comes ready to

bolt on: install and forget about it.

Reduced rut width and depth, reduced soil compaction and much elongated footprint.

Superior flotation – tire pulls through the deepest mud and doesn't get stuck.

OUR BENEFITS



AIRLESS



INCREASED
TRACTION



SUPERIOR
FLOTATION



REDUCED SOIL
COMPACTION



EXTENDED
FOOTPRINT



SELF
CLEANING

TECHNICAL DATA

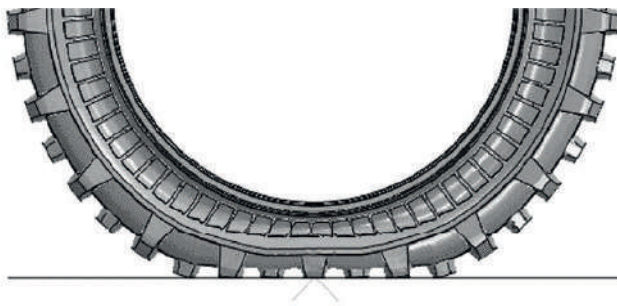
SIZE	RIM	LOAD INDEX / SS	TREAD TYPE	SW	OD	LOADED STATIC RADIUS	TREAD DEPTH	INFL. PRESS	MAX SPEED	MAX LOAD
				mm	mm	mm	mm	bar	km/h	Kg
				in	in	in	1/32	psi	mp/h	Lb
380/85R24CW (14.9-24CW)	ASSY	136 CREEP	ND	378	1,240	560	43	AIRLESS	CREEP	2240
				14.8	48.8	22	54	AIRLESS	CREEP	4930
290/85R38CW (11.2-38CW)	ASSY	132 CREEP	ND	290	1,477	673	38	AIRLESS	CREEP	2000
				11.4	58.1	26.5	48	AIRLESS	CREEP	4409

Unit: Metric [mm, kg, bar, sq. cm], Imperial [in, lbs. psi, sq. in]

IRRICUP PRESENTATION



FLAT AND LARGE FOOTPRINT



SKIDCUP

THE PERFECT AIRLESS SOLUTION FOR SKID-STEER LOADERS



Skid-steer operators often have to deal with harsh working environments that result in costly downtime, increased tread wear, damage to the machinery, decreased load index in addition to a general lack of comfort when driving. The patented technology of Galileo

SkidCup is the only solution that eliminates all these drawbacks, enhancing driver comfort, extending machinery lifetime, carrying a greater loads index, and ensuring zero downtime. while greatly improving work efficiency and reducing operational costs.

OUR BENEFITS



AIRLESS



**RIDE COMFORT/
SMOOTHER RIDE**



**LATERAL
STABILITY**



**INCREASED
EFFICIENCY**



**RAN FLAT
CAPABILITIES**



**SIDEWALL
DURABILITY**

TECHNICAL DATA

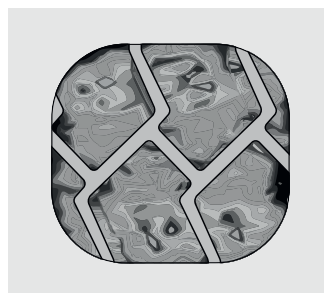
SIZE	RIM	LOAD INDEX	TREAD TYPE	TREAD DEPTH	INFL. PRESS	MAX SPEED	SW	OD	LOADED STATIC RADIUS
				mm		km/h	mm	mm	mm
				1/32 in		mp/h	in	in	in
10-16.5CW	ASSY	130A2 (8 P.R.)	L4	30	AIRLESS	10	260	770	354
				37.8		6	10.2	30.3	14
12-16.5CW	ASSY	142A3 (12 P.R.)	L4	30	AIRLESS	15	300	830	386
				37.8		9	11.8	32.7	15.2
10-16.5CW	ASSY	130A2 (8 P.R.)	R4	21	AIRLESS	10	268	775	357
				26.5		6	10.6	30.5	14
12-16.5CW	ASSY	141A2 (12 P.R.)	R4	24	AIRLESS	10	318	845	386
				30.2		6	12.5	33.3	15.2

Unit: Metric [mm, kg, bar, sq. cm], Imperial [in, lbs, psi, sq. in]

SKIDCUP PRESENTATION



FLAT AND LARGE FOOTPRINT



L4



R4



WHAT IS A CUPWHEEL?

As with many great innovations, the Galileo CupWheel concept stems from a simple idea: two plastic disposable cups. It is this double cone that provides all the advantages of rigid lateral properties as well as flexible vertical ones – creating a unique, effective and comfortable ride, and maximizing side-wall durability.

ABOUT GALILEO

Galileo's multidisciplinary team of designers, structure engineers and tire experts work tirelessly to change off-road mobility as we know it and offer heavy vehicle drivers the best tires possible.

Following almost a decade of cooperation with leading tire producers, farmers, constructors and original equipment (OE) manufactures, Galileo CupWheel Tires are becoming the new standard for efficient and sustainable off-road mobility.

Galileo places an emphasis on delivering excellent customer service – as well as excellent tires – which is why the company works with partnering factories and suppliers around the globe, to ensure great logistics for customers worldwide.

Dedicated to enhancing sustainability for future generations, Galileo continues to develop environmentally conscious mobility solutions.