

# INDUSTRIAL TIRES



## TYRE BROCHURE 2019/2020

**B G N INDUSTRIAL TYRE (PVT) LTD**  
SRI LANKA



Richard Peris Group of Companies



*"Richard Pieris & Company PLC has been touching the lives of Sri Lankans all over the island for 86 years"*



B G N INDUSTRIAL TYRE (PVT) LTD



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## COMPANY INTRODUCTION

Richard Pieris & Company Plc has been touching the lives of Sri Lankans all over the island for 81 years. We have made an incredible mark in the industry and together with a team that is focused on success, have taken our business to new heights. This year, as we celebrate myriad of achievements, we look back on the illustrious years that have brought us to where we are today.

Established in 2014 as a member of Richard Pieris Group, BGN Industrial tyre factory locates itself in Horana Industrial Zone, Sri Lanka with excellent manufacturing machines and a whole team of first class professional technicians. BGN Industrial has developed itself into a top professional solid tyre manufacturer in Sri Lanka.

Our well known solid tyre branded "Ecomaster" and "Compeer" were supplied to forklift distributors, forklift importers and forklift rentals in all over the world which more than 20 countries.

All tires produced by BGN industrial are in full compliance with international manufacturing and management standards and regulations.

Our success depends on exceeding the expectations of our customers and standing behind everything we do.

Our aim is to build long term relationships with our customers by providing excellent service, quality and delivering our promises.

## Company Introduction



## 3 LAYER TIRE APPLICATION AND CONSTRUCTION

### Major Equipments

Forklifts, Skid steers, warehouse equipments, port trailers, ground support equipments & other material handling equipments.

We can offer you a wide range of specialty compounds for your specific need.

These include,

#### For heat resistance -

Smelter / Foundry / Furnaces plants.

#### For oil resistance -

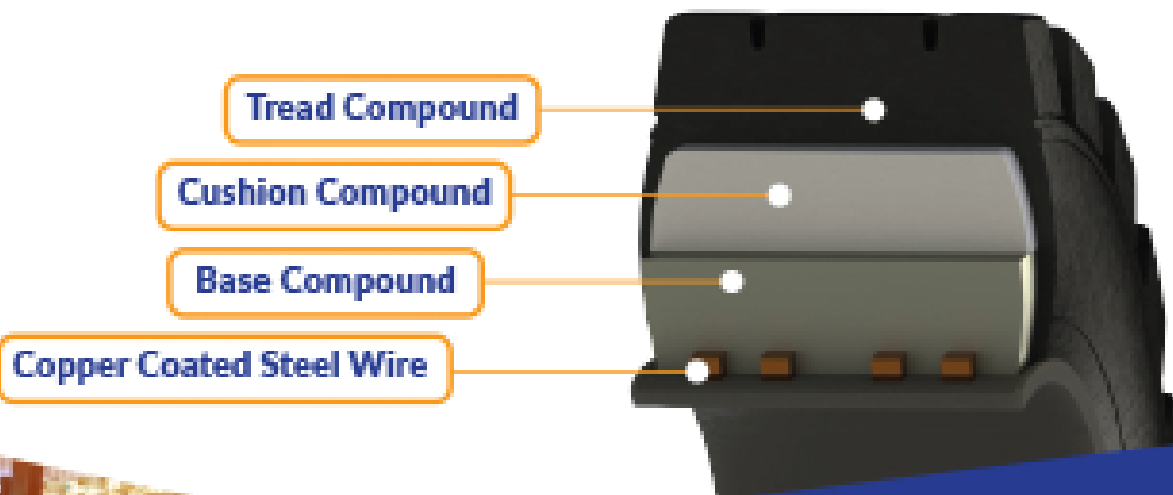
Oil / Petro plants.

#### For cut resistance -

Glass / Steel plants / Scrap yards.

### Tyre Construction with 3 layer technology

- **Tread Compound** - Excellent resistance to abrasion with superior cut, chip & wear resistance compound assures longer tyre life with lower resistance.
- **Cushion Compound** - Excellent resilient compound offers characteristics similar to pneumatic tyres thus assuring comfortable ride.
- **Base Compound** - High Duro, high filler Phr, low resilient compound means extra hard base which ensures perfect bonding and high level of tire's structural integrity.
- **Bead Wire** - Copper coated bundled steel wires ensures perfect grip on the wheel rim, even pressure distribution with no slippage.
- **Side wall** - Strong sidewall prevents cutting & chunking and safeguards inner layers.



## 3 Layer Tire Application and Construction



## ECOMASTER (STANDARD) 3 LAYER TIRES

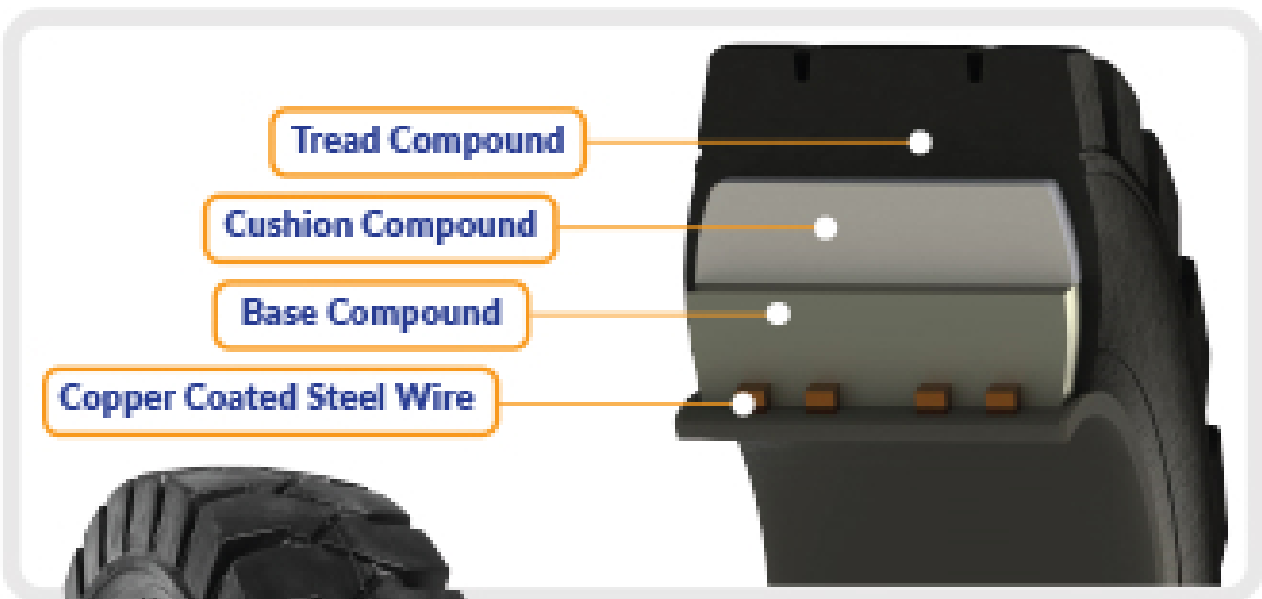
### Ecomaster (Design to serve your purpose)

Our research and development team has developed new formula to enhance comfort and less heat buildup in the center compound of the Ecomaster tire at a better cost which is passed to the customers by way of more competitive pricing.

Our uncompromising testing practices make us confident about the quality of the Ecomaster tires we have developed. We can be sure that they perform exactly the way they should, without surprises. The wide and block-free tread design ensures maximum traction and lesser rolling resistance.

### Ecomaster Features -

- Optimum resilience for comfort riding
- Good puncture and wear resistance
- Low rolling resistance and low energy consumption
- Long operating life & Low heat buildup
- Good riding comfort
- Block free treads sturdy design
- Low center of gravity & good riding safety



## ECOMASTER (STANDARD) 3 Layer Tires

## COMPEER (PREMIUM) 3 LAYER TIRES

### Compeer (high performance delivered)

Best raw materials and advanced technologically developed compounds are used in the layers of Compeer solid tire construction and it suits for heavy duty services, rougher surfaces, longer distances, higher speeds and a smoother ride on a more consistent basis.

All the material used in the compounds are REACH compliant and have been subjected to various tough laboratory, field and test machine testing procedures. The superior heat resistance, flexibility and deflection of the compounds and strong bead to enable longer life have improved the performance of the Compeer tires phenomenally. All products under "BGN" logo conform to international standards and are within the parameters of ETRTO specification.

- Longest mileage and lowest energy consumption.
- Maximum comfort, safety and stability.
- Extremely low rolling resistance.
- Highest abrasion resistance.
- High-tensile steel bead wires.
- Extra thick sidewall.
- Great traction and cornering stability.
- Coolest running temperature with very good heat dissipation.
- Reduce maintain and replacement cost.
- Advance formulation.

◀ Excellent shock absorption

◀ Highest tensile strength

◀ Maximum heat dissipation

◀ Highest abrasion resistance

## COMPEER (Premium) 3 Layer Tires



## NON MARKING TIRES

BGN non marking tires are available in White and Grey colors. These environmental friendly non marking tires are unique in construction with specially compounded Non-marking rubber tread. It eliminates the tire taping while minimizing the cleanup required in clean surface applications. Improved tire construction and reinforced bead area give super stability and comfort. Our respect for customer wishes is reflected in the product development of the non-marking tires. Our in house R&D focus on the latest technology and the best innovations. As a manufacturing concern and a product developer, innovativeness is a built in factor for us.

### Non Marking Tires



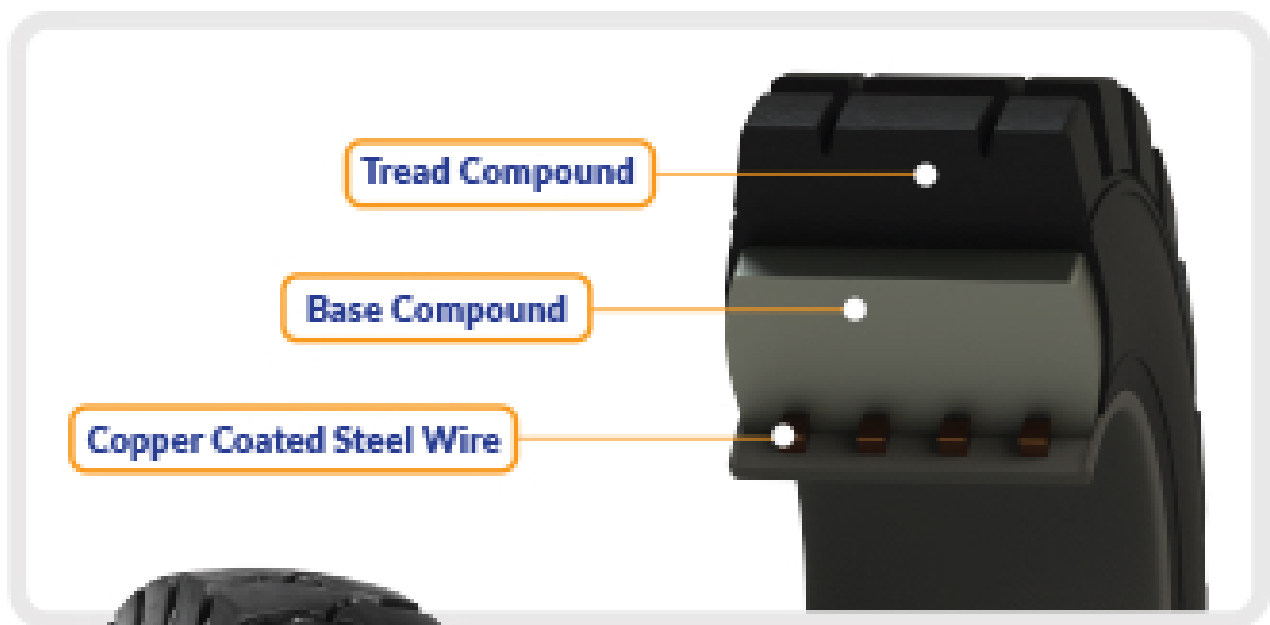


## ECOMASTER (BUDGET) 2 LAYER TIRES

We have special compounds to suite every application. Ecomaster 2S is a two stage solid resilient budget tire specially designed using special formula to meet the increasing demand for low cost durable solid tires.

Ecomaster 2S superior quality tread compound provides for higher abrasion resistance, durability and low heat buildup. This product has gone through all the rigorous testing procedures to ensure that is of very good quality. Careful testing is a crucial part of our tire development.

Several tests and measurements in and out door are being done to ensure the conformity of production and uncompromising safety of the tire design.



**ECOMASTER (Budget)  
2 Layer Tires**



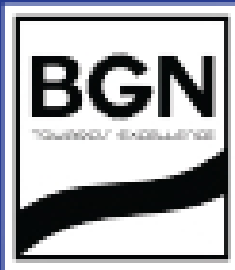
# TYRE SIZE AND TECHNICAL DATA SHEET

TYRE SIZE	RIM SIZE	CLIP ON (SAFETY PIN)	TYRE		TYRE		MAXIMUM LOAD CAPACITY (KG)					FOOTPRINT
			MAXIMUM PRESSURE (BAR)		MAXIMUM PRESSURE (PSI)		FORK-LIFT TRUCKS (COUNTER BALANCE FORK)		OTHER VEHICLES (COUNTERBALANCE LADDER)			
			MAX IN SERVICE	OS	MAX IN SERVICE	OS	LOAD IN SER. (UP TO 2000MM)	OTHER IN SER. (UP TO 2000MM)	UP TO 2000MM	UP TO 2000MM	UP TO 2000MM	
4.00-8		4.00	104	406	4.7	16.0	850	750	925	845	110	1600
5.00-8		4.00	120	457	4.7	16.0	1415	1090	1415	1285	1090	1300
6.00-8	125/70-8	4.00	135	508	4.8	16.0	1640	800	1640	945	800	1600
6.50-8	130/70-8	4.50	155	544	5.8	16.0	1495	1150	1275	1185	975	1600
6.50-9	130/70-9	4.50	155	544	5.8	17.0	2145	1660	2145	1660	1660	800
6.00-10		4.00	137	475	5.8	16.7	1170	900	1170	1040	900	1600
6.00-11		4.00	136	500	5.4	20.0	1885	1450	1885	1710	1450	600
21 x 8-9	200/70-9	6.00	185	555	7.0	20.7	2755	2100	2755	2580	2120	500
6.50-11		5.00	160	570	5.3	22.5	2340	1800	2340	2120	1800	480
200/80-10		6.50	194	481	7.6	16.1	2470	1900	2470	2040	1900	780
25 x 9-10	225/70-10	6.50	202	592	8.8	22.0	3445	2650	3445	2845	2400	295
7.00-12		6.00	170	568	6.7	16.0	2930	2340	2930	2645	2340	320
25 x 10-12		6.00	221	649	9.1	16.2	3710	2900	3710	3430	2900	270
27 x 10-12	280/70-12	6.00	248	688	9.8	17.1	3900	3000	3900	3640	3000	264
7.50-15		6.50	179	730	7.8	28.8	3545	2725	3545	3215	2725	300
7.50-16		6.50	200	750	7.8	29.6	3900	3000	3900	3640	3000	230
380-16	350/70-16	7.00/7.50	225	726	8.8	28.5	4750	3650	4750	4210	3650	210
28 x 9-15 (8.15-15)	225/70-15	1.00	215	694	8.5	27.0	3730	2900	3640	3120	2650	264
8.25-15		6.50	210	821	8.3	32.0	4750	3650	4750	4380	3650	154
8.00-16	215/70-16	6.00	205	825	10.8	32.0	5850	4600	5850	5210	4600	135
355/65-16		9.75	304	823	12.0	32.5	7900	6450	7900	6430	6400	144
9.00-20		7.0/7.5	230	974	8.7	35.0	6380	4450	6380	6080	+	120
10.00-20		7.00 / 7.5 / 8.00	281	1038	9.8	41.1	8000	6000	8000	6980	6000	100
11.00-20		8.00	260	1038	10.2	40.0	8000	6000	+	+	+	80
12.00-20		8.00 / 8.50	285	1098	11.0	43.0	7560	6250	7560	6710	+	60

## Tyre Size and Technical Data Sheet







## B G N INDUSTRIAL TYRE (PVT) LTD

### **FACTORY**

No. 95/1,  
Industrial zone, Kindepsitiya,  
Kuda Uluwa,  
Horana  
Sri Lanka

### **HEAD OFFICE**

No. 810,  
High level road,  
Navinna,  
Maharagama  
Sri Lanka

### **CONTACTS**

Direct : +94 34 2 253 250  
Mobile : +94 764 995 436 (WhatsApp)  
E - Mail : [info@bgnires@arpico.com](mailto:info@bgnires@arpico.com)  
Web : [www.bgnindustrialtyres.com](http://www.bgnindustrialtyres.com)  
: [www.arpico.com](http://www.arpico.com)