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东莞市万富斯特轮胎有限公司是一间崭新的工业车辆实心轮胎专业制造企业，位于广东省东莞市。在充分汲取了国内外实心轮胎行业先进技术和经验的基础上，研制开发了IST(万富斯特)牌系列工业实心轮胎。公司的产品从结构配方和花纹设计上均采用德国技术，具有安全舒适性好，承载力高，耐磨性优，高弹性、耐刺穿，使用寿命长等特点。产品符合GB/T10824-1996和美国TRA、欧洲ETRTO、日本JATMA标准，广泛应用于工业车辆、军工车辆、港口、矿山、及建筑机械。

IST（万富斯特）实心轮胎在国内已经拥有广泛的客户，产品凭其优异的性能获得了各类用户的好评。并出口到欧洲、东南亚、台湾等国家和地区，受到越来越多使用者的青睐。

Welcome to our IST Industrial Solid Tires Co., Ltd, the newest industrial vehicles professional solid factory. On the basis of fully learned domestic and international solid tire industry experience and advanced technology, we have developed our brand -- "IST" (Industrial Solid Tire).

The products of our company are divided into pneumatic-shape solid tire and press-on solid tire. We can produce all range of Non-marking and clip solid tire. Our products design from the structure and the pattern were using advanced international technology with a comfortable and high capacity, excellent anti-resistance, super elasticity, long life-span characteristics, the products of our company were met GB/T10824-1996, TRA of the United States, the European ETRTO, Japan JATMA standards, which are widely used in industrial vehicles and military vehicles, ports, mines and construction machinery.

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## 充气式实心轮胎

### PNEUMATIC SOLID TIRE



#### CHARACTERISTICS

- ◎ SUPER ELASTICITY
- ◎ LASTEST TREAD PATTERN DESIGN, SUPER TRACTION AND CAPACITY
- ◎ COMFORTABLE FOR DRIVING AND RDING
- ◎ SPECIAL COMPOUND FOR HIGH WEAR-RESISTANCE AND LOW HEAT GENERATING

#### 产品特性

- ◎ 超高弹性
- ◎ 最新花纹设计，超高牵引力和承载力
- ◎ 良好的驾乘舒适性
- ◎ 特殊配方，高耐磨与低生热



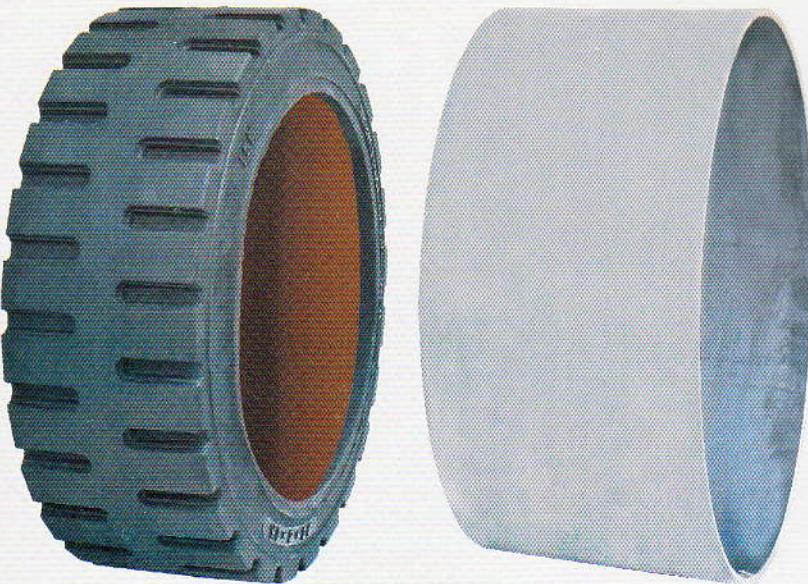
#### 技术参数 TECHNICAL FEATURE

| 轮胎规格<br>SIZE | 适用轮辋<br>RIM | 外型尺寸(mm)<br>DIMENTIONS |                       | 最大负荷 LOAD CAPACITY (kg) |              |          |              |          |              | 其它工业车辆<br>OTHER VEHICLES<br>16Km/hr |
|--------------|-------------|------------------------|-----------------------|-------------------------|--------------|----------|--------------|----------|--------------|-------------------------------------|
|              |             |                        |                       | 平衡重式叉车 FORKLIFT TRUCK   |              |          |              |          |              |                                     |
|              |             | 宽度<br>SECTION<br>WIDTH | 外直径<br>OVERALL<br>DIA | 10Km/hr                 |              | 16Km/hr  |              | 25Km/hr  |              |                                     |
| 驱动轮 LOAD     |             |                        |                       | 驱动轮 LOAD                | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING |                                     |
| 4.00-8       | 3.00D       | 115                    | 410                   | 1055                    | 845          | 1020     | 765          | 950      | 715          | 730                                 |
| 5.00-8       | 3.00D       | 127                    | 465                   | 1210                    | 970          | 1175     | 880          | 1095     | 820          | 840                                 |
| 6.00-9       | 4.00E       | 140                    | 530                   | 1920                    | 1535         | 1855     | 1390         | 1730     | 1295         | 1325                                |
| 6.50-10      | 5.00F       | 156                    | 586                   | 2640                    | 2110         | 2545     | 1910         | 2370     | 1780         | 1820                                |
| 7.00-12      | 5.00S       | 168                    | 667                   | 3015                    | 2410         | 2910     | 2185         | 2710     | 2035         | 2075                                |
| 7.00-15      | 5.50S       | 178                    | 738                   | 3590                    | 2872         | 2465     | 2600         | 3225     | 2420         | 2475                                |
| 8.25-12      | 5.00S       | 200                    | 738                   | 3325                    | 2660         | 3215     | 2410         | 2995     | 2245         | 2295                                |
| 8.25-15      | 6.50T       | 202                    | 830                   | 4940                    | 3950         | 4765     | 3575         | 4440     | 3330         | 3405                                |
| 250-15       | 7.00        | 235                    | 728                   | 4675                    | 3740         | 4515     | 3385         | 4250     | 3155         | 3225                                |
| 300-15       | 8.00        | 254                    | 828                   | 5990                    | 4790         | 5780     | 4335         | 5380     | 4035         | 4130                                |
| 15×41/2-8    | 3.00        | 118                    | 377                   | 930                     | 750          | 910      | 680          | 850      | 640          | 650                                 |
| 16×6-8       | 4.33R       | 154                    | 415                   | 1500                    | 1200         | 1445     | 1085         | 1345     | 1010         | 1035                                |
| 18×7-8       | 4.33R       | 154                    | 450                   | 2350                    | 1880         | 2265     | 1700         | 2110     | 1585         | 1620                                |
| 21×8-9       | 6.00        | 180                    | 522                   | 2810                    | 2250         | 2715     | 2035         | 2530     | 1895         | 1940                                |
| 23×9-10      | 6.50        | 210                    | 596                   | 3420                    | 2735         | 3300     | 2475         | 3075     | 2305         | 2355                                |
| 27×10-12     | 8.00        | 232                    | 680                   | 4465                    | 3570         | 4315     | 3235         | 4020     | 3015         | 3080                                |
| 28×9-15      | 7.00        | 210                    | 706                   | 4090                    | 3270         | 3945     | 2960         | 3675     | 2755         | 2820                                |
| 200/50-10    | 6.50        | 194                    | 446                   | 2470                    | 1850         | 2240     | 1680         | 1900     | 1425         | 2050                                |
| 355/65-15    | 9.75        | 300                    | 828                   | 7800                    | 5850         | 7080     | 5310         | 6000     | 4500         | 6400                                |

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## 压配式实心轮胎

PRESS-ON SOLID TIRE



### CHARACTERISTICS

- ◎ WIDE AND FLAT TREAD PATTERN DESIGN
- HIGH PERFORMANCE OF STABILITY
- LOWER RESISTANCE FOR RUNNING
- ◎ SUPER LUG TREAD DESIGN, ANTI-WEAR
- RESISTANCE, HIGH EFFICIENCY
- ◎ SM/TR OFFERED

### 产品特性

- ◎ 扁平轮胎胎面设计，行驶稳定，低滚动阻力
- ◎ 横向花纹设计，超强耐磨性，低油耗
- ◎ 可提供无花纹光面轮胎

### 技术参数 TECHNICAL FEATURE

| 轮胎规格<br>SIZE  |               | 花纹<br>PATTERN | 重量 (Kg)<br>WEIGHT | 最大负荷 LOAD CAPACITY (kg) |              |          |              | 其它工业车辆<br>OTHER VEHICLES<br>16Km/hr |  |  |  |
|---------------|---------------|---------------|-------------------|-------------------------|--------------|----------|--------------|-------------------------------------|--|--|--|
|               |               |               |                   | 10Km/hr                 |              | 16Km/hr  |              |                                     |  |  |  |
| 英制(inch)      | 公制(mm)        |               |                   | 驱动轮 LOAD                | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING |                                     |  |  |  |
| 14x41/2-8     | 356x114x203.2 | SM            | 12                | 1090                    | 965          | 1040     | 960          | 840                                 |  |  |  |
| 16x5x101/2    | 406x127x266.7 | SM/TR         | 16                | 1400                    | 1250         | 1340     | 1240         | 1080                                |  |  |  |
| 16x6x101/2    | 406x152x266.7 | SM/TR         | 19.1              | 1780                    | 1580         | 1700     | 1570         | 1370                                |  |  |  |
| 161/4x5x111/4 | 413x127x285.8 | SM/TR         | 15.5              | 1415                    | 1260         | 1350     | 1250         | 1090                                |  |  |  |
| 161/4x6x111/4 | 413x152x285.8 | SM/TR         | 18.4              | 1780                    | 1580         | 1710     | 1580         | 1370                                |  |  |  |
| 161/4x7x111/4 | 413x178x285.8 | SM/TR         | 22.0              | 2150                    | 1910         | 2050     | 1900         | 1650                                |  |  |  |
| 18x6x121/8    | 457x152x308   | SM/TR         | 22.5              | 1950                    | 1740         | 1860     | 1720         | 1500                                |  |  |  |
| 18x7x121/8    | 457x178x308   | SM/TR         | 27                | 2370                    | 2110         | 2270     | 2100         | 1820                                |  |  |  |
| 18x8x121/8    | 457x203x308   | SM/TR         | 31                | 2790                    | 2480         | 2670     | 2470         | 2150                                |  |  |  |
| 21x7x15       | 533x178x381   | SM/TR         | 33                | 2670                    | 2380         | 2550     | 2360         | 2050                                |  |  |  |
| 21x8x15       | 533x203x381   | SM/TR         | 38                | 3140                    | 2790         | 3000     | 2780         | 2420                                |  |  |  |

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## 载重型实心轮胎

HEAVY DUTY SOLID TIRE



### CHARACTERISTICS

- HIGH LOAD INDEX
- USED IN ROUGH CONDITION, SUPERIOR SAFETY
- EXCELLENT FOR DRIVE PERFORMANCE
- HIGH FLEXIBILITY, LOW RESISTANCE OF RUNNING

### 产品特性

- 极强的承载力
- 适用于恶劣环境，安全性高
- 操作性能优越
- 高弹性，低滚动阻力



### 技术参数 TECHNICAL FEATURE

| 轮胎规格<br>SIZE | 适用轮辋<br>RIM  | 外型尺寸(mm)<br>DIMENTIONS |              | 最大负荷 LOAD CAPACITY (kg) |              |          |              |          |              | 其它工业车辆<br>OTHER VEHICLES<br>16Km/hr |  |
|--------------|--------------|------------------------|--------------|-------------------------|--------------|----------|--------------|----------|--------------|-------------------------------------|--|
|              |              |                        |              | 平衡重式叉车 FORKLIFT TRUCK   |              |          |              |          |              |                                     |  |
|              |              |                        |              | 10Km/hr                 |              | 16Km/hr  |              | 25Km/hr  |              |                                     |  |
| 驱动轮 LOAD     | 转向轮 STEERING | 驱动轮 LOAD               | 转向轮 STEERING | 驱动轮 LOAD                | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING |                                     |  |
| 8.25-20      | 6.50         | 218                    | 975          | 5425                    | 4340         | 5240     | 3930         | 4880     | 3735         | 3745                                |  |
| 9.00-16      | 6.50         | 215                    | 875          | 5135                    | 4110         | 4965     | 3725         | 4625     | 3470         | 3550                                |  |
| 9.00-20      | 7.00         | 240                    | 1006         | 6450                    | 5160         | 6235     | 4675         | 5805     | 4355         | 4450                                |  |
| 10.00-20     | 7.50/8.0     | 250                    | 1040         | 7480                    | 5990         | 7230     | 5420         | 6730     | 5045         | 5160                                |  |
| 11.00-20     | 8.00         | 270                    | 1060         | 8440                    | 6750         | 8160     | 6110         | 7610     | 5680         | 5840                                |  |
| 12.00-20     | 8.0/8.50     | 288                    | 1110         | 8800                    | 7000         | 8500     | 6925         | 9600     | 6450         | 6595                                |  |

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## 码头、拖车专用实心轮胎 PORT AND TRAILER SOLID TIRE



### CHARACTERISTICS

- ◎ SPECIAL FOR LOW-BED SEMI-TRAILER ON PORT
- ◎ LOWER ROLLING RESISTANCE AND HEAT GENERATING
- ◎ SUPER LOAD CAPACITY

### 产品特性

- ◎ 码头低平板车专用
- ◎ 低滚动阻力，低生热
- ◎ 超高承载能力

### 技术参数 TECHNICAL FEATURE

| 轮胎规格 SIZE |               | 花纹<br>PATTERN | 重量 (Kg)<br>WEIGHT | 最大负荷 LOAD CAPACITY (kg) |              |          |              | 其它工业车辆<br>OTHER VEHICLES<br>(kg) |
|-----------|---------------|---------------|-------------------|-------------------------|--------------|----------|--------------|----------------------------------|
|           |               |               |                   | 10Km/hr                 |              | 16Km/hr  |              |                                  |
| 英制(inch)  | 公制(mm)        |               |                   | 驱动轮 LOAD                | 转向轮 STEERING | 驱动轮 LOAD | 转向轮 STEERING |                                  |
| 22x8x16   | 559x203x406.4 | SM            | 41                | 3250                    | 2900         | 3110     | 2880         | 2500                             |
| 22x9x16   | 559x229x406.4 | SM            | 46                | 3750                    | 3340         | 3590     | 3320         | 2890                             |
| 22x14x15  | 560x360x381   | SM            | 116               | 6610                    | 5950         | 5850     | 5270         | 5080                             |
| 22x12x16  | 559x305x406.4 | SM            | 61                | 5230                    | 4660         | 5000     | 4630         | 4030                             |
| 22x14x16  | 559x356x406.4 | SM            | 70                | 6250                    | 5580         | 5950     | 5510         | 4810                             |
| 22x16x16  | 559x406x406.4 | SM            | 80                | 7250                    | 6470         | 6900     | 6390         | 5580                             |



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## 登机桥专用实心轮胎

PASSENGER BOARDING BRIDGES SOLID TIRE



### CHARACTERISTICS

- ◎ PROVIDE ALL WEATHER
- ◎ COMFORTABLE AND SAFE WALKWAY
- ◎ EFFICIENT AND ECONOMIC OPERATION
- ◎ LONG LIFE-SPAN

### 产品特性

- ◎ 全天候使用
- ◎ 舒适性与安全性
- ◎ 快速、经济与灵活
- ◎ 超长使用寿命

### 技术参数 TECHNICAL FEATURE

| 轮胎规格 SIZE |               | 花纹<br>PATTERN | 重量 ( Kg )<br>WEIGHT | 最大负荷 LOAD CAPACITY (kg) |         | 其它工业车辆<br>OTHER VEHICLES<br>(kg) |
|-----------|---------------|---------------|---------------------|-------------------------|---------|----------------------------------|
| 英制(inch)  | 公制(mm)        |               |                     | 10Km/hr                 | 16Km/hr |                                  |
| 28x10x22  | 711x254x558.8 | SM            | 64                  | 5090                    | 4860    | 3910                             |
| 28x12x22  | 711x305x558.8 | SM            | 80                  | 6270                    | 5990    | 4820                             |
| 28x14x22  | 711x356x558.8 | SM            | 95                  | 8030                    | 7170    | 5730                             |
| 28x16x22  | 711x406x558.8 | SM            | 106                 | 8640                    | 8260    | 6650                             |
| 34x16x26  | 864x406x660.4 | SM            | 184                 | 10790                   | 9550    | 8300                             |
| 36x16x30  | 915x406x762   | SM            | 176                 | 10430                   | 9330    | 8030                             |
| 40x16x30  | 1016x406x762  | SM            | 248                 | 12700                   | 11240   | 9780                             |
| 40x20x30  | 1016x508x762  | SM            | 320                 | 16120                   | 14020   | 12100                            |

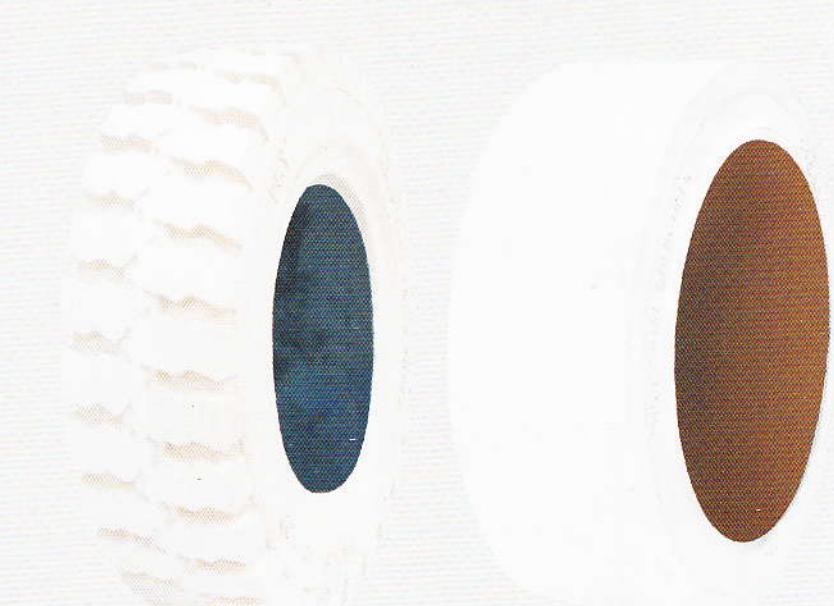
DATA CAN BE CONSULTED WITH CUSTOMERS 技术参数可根据用户使用条件修订



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## 环保(无痕)实心轮胎

NON-MARKING SOLID TIRE



### CHARACTERISTICS

- ◎ ALL SERIALS OF N/M SOLID TIRES
- ◎ VARIOUS COLOR FOR CHOSEN
- ◎ SPECIAL COMPOUND AND NON-POLLUTION FOR ENVIRONMENT
- ◎ SUPER ELASTICITY AND HIGH WEAR RESISTANCE PERFORMANCE

### 产品特性

- ◎ 全系列生产
- ◎ 各种颜色可选
- ◎ 保护操作环境不受污染
- ◎ 超高弹性与耐磨性

### 技术参数 TECHNICAL FEATURE

| 轮胎规格<br>SIZE | 适用轮辋<br>RIM | 外型尺寸(mm)<br>DIMENTIONS |                       | 最大负荷 LOAD CAPACITY (kg) |         |          |              |          |              | 其它工业车辆<br>OTHER VEHICLES<br>(kg) |  |
|--------------|-------------|------------------------|-----------------------|-------------------------|---------|----------|--------------|----------|--------------|----------------------------------|--|
|              |             | 宽度<br>SECTION<br>WIDTH | 外直径<br>OVERALL<br>DIA | 平衡重式叉车 FORKLIFT TRUCK   |         | 25Km/hr  |              | 驱动轮 LOAD | 转向轮 STEERING |                                  |  |
|              |             |                        |                       | 10Km/hr                 | 16Km/hr | 驱动轮 LOAD | 转向轮 STEERING |          |              |                                  |  |
| 4.00-8       | 3.00D       | 115                    | 410                   | 1055                    | 845     | 1020     | 765          | 950      | 715          | 730                              |  |
| 5.00-8       | 3.00D       | 127                    | 465                   | 1210                    | 970     | 1175     | 880          | 1095     | 820          | 840                              |  |
| 6.00-9       | 4.00E       | 140                    | 530                   | 1920                    | 1535    | 1855     | 1390         | 1730     | 1295         | 1325                             |  |
| 6.50-10      | 5.00F       | 156                    | 586                   | 2640                    | 2110    | 2545     | 1910         | 2370     | 1780         | 1820                             |  |
| 7.00-12      | 5.00S       | 168                    | 667                   | 3015                    | 2410    | 2910     | 2185         | 2710     | 2035         | 2075                             |  |
| 7.00-15      | 5.50S       | 178                    | 738                   | 3590                    | 2872    | 2465     | 2600         | 3225     | 2420         | 2475                             |  |
| 8.25-12      | 5.00S       | 200                    | 738                   | 3325                    | 2660    | 3215     | 2410         | 2995     | 2245         | 2295                             |  |
| 8.25-15      | 6.50T       | 202                    | 830                   | 4940                    | 3950    | 4765     | 3575         | 4440     | 3330         | 3405                             |  |
| 250-15       | 7.00        | 235                    | 728                   | 4675                    | 3740    | 4515     | 3385         | 4250     | 3155         | 3225                             |  |
| 300-15       | 8.00        | 254                    | 828                   | 5990                    | 4790    | 5780     | 4335         | 5380     | 4035         | 4130                             |  |
| 15×41/2-8    | 3.00        | 118                    | 377                   | 930                     | 750     | 910      | 680          | 850      | 640          | 650                              |  |
| 16×6-8       | 4.33R       | 154                    | 415                   | 1500                    | 1200    | 1445     | 1085         | 1345     | 1010         | 1035                             |  |
| 18×7-8       | 4.33R       | 154                    | 450                   | 2350                    | 1880    | 2265     | 1700         | 2110     | 1585         | 1620                             |  |
| 21×8-9       | 6.00        | 180                    | 522                   | 2810                    | 2250    | 2715     | 2035         | 2530     | 1895         | 1940                             |  |
| 23×9-10      | 6.50        | 210                    | 596                   | 3420                    | 2735    | 3300     | 2475         | 3075     | 2305         | 2355                             |  |
| 27×10-12     | 8.00        | 232                    | 680                   | 4465                    | 3570    | 4315     | 3235         | 4020     | 3015         | 3080                             |  |
| 28×9-15      | 7.00        | 210                    | 706                   | 4090                    | 3270    | 3945     | 2960         | 3675     | 2755         | 2820                             |  |
| 200/50-10    | 6.50        | 194                    | 446                   | 2470                    | 1850    | 2240     | 1680         | 1900     | 1425         | 2050                             |  |
| 355/65-15    | 9.75        | 300                    | 828                   | 7800                    | 5850    | 7080     | 5310         | 6000     | 4500         | 6400                             |  |



# 易装型（林德专用）实心轮胎 CLIP (HALO) SOLID TIRE

We provide all range of clip solid tire for convenient to assembly 可制造全系列易装型(林德专用)实心轮胎

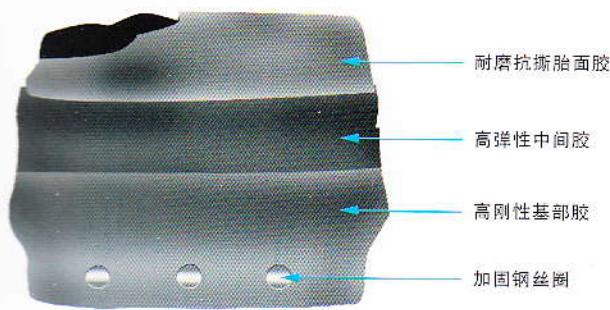
## CHARACTERISTICS

- SUPER HIGH HARDNESS FOR BASE DESIGN
- EASY TO ASSEMBLY

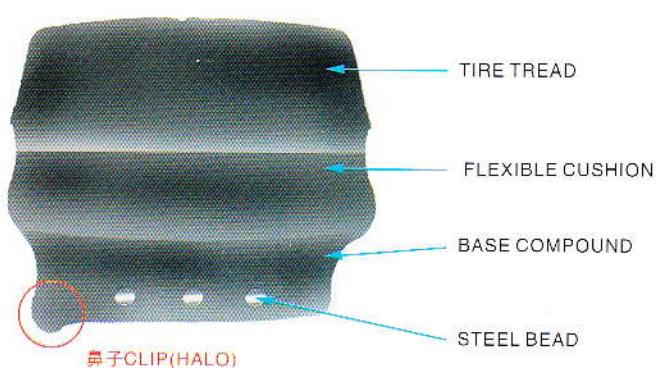
## 产品特性

- 超高硬度基部胶设计
- 安装方便，简易

普通型式实心轮胎结构



易装型(林德专用)实心轮胎结构



充气式实心轮胎的表示方法  
SIZE FOR PNEUMATIC SOLID TIRE

7.00-12/5.00

- 轮辋宽度 RIM WIDTH(INCH)
- 轮辋直径 RIM DIAMETER(INCH)
- 轮胎断面宽度 SECTION WIDTH(INCH)

28×9-15/7.00

- 轮辋宽度 RIM WIDTH(INCH)
- 轮辋直径 RIM DIAMETER(INCH)
- 轮胎断面宽度 SECTION WIDTH(INCH)
- 轮胎外直径 OVERALL DIAMETER(INCH)

355/65-15/9.75

- 轮辋宽度 RIM WIDTH(INCH)
- 轮辋直径 RIM DIAMETER(INCH)
- 轮胎高度比 TIRE RATIO(H/B)%
- 轮胎断面宽度 SECTION WIDTH(MM)

压配式实心轮胎的表示方法  
SIZE FOR PRESS-ON

18×7×12 1/8

- 轮胎内直径 INNER DIAMETER(INCH)
- 轮胎宽度 SECTION WIDTH(INCH)
- 轮胎外直径 OVERALL DIAMETER(INCH)

21×7×15

- 轮胎内直径 INNER DIAMETER(INCH)
- 轮胎宽度 SECTION WIDTH(INCH)
- 轮胎外直径 OVERALL DIAMETER(INCH)

533×178×381

- 轮胎内直径 INNER DIAMETER(MM)
- 轮胎宽度 SECTION WIDTH(MM)
- 轮胎外直径 OVERALL DIAMETER(MM)



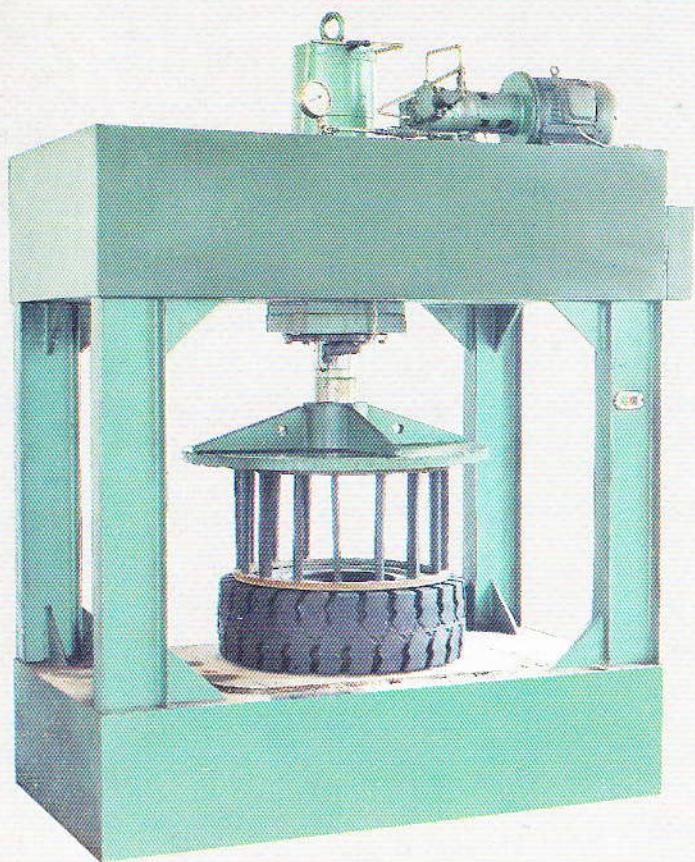
# 安装说明

## Mounting Manual

### 实心轮胎安装使用注意事项：

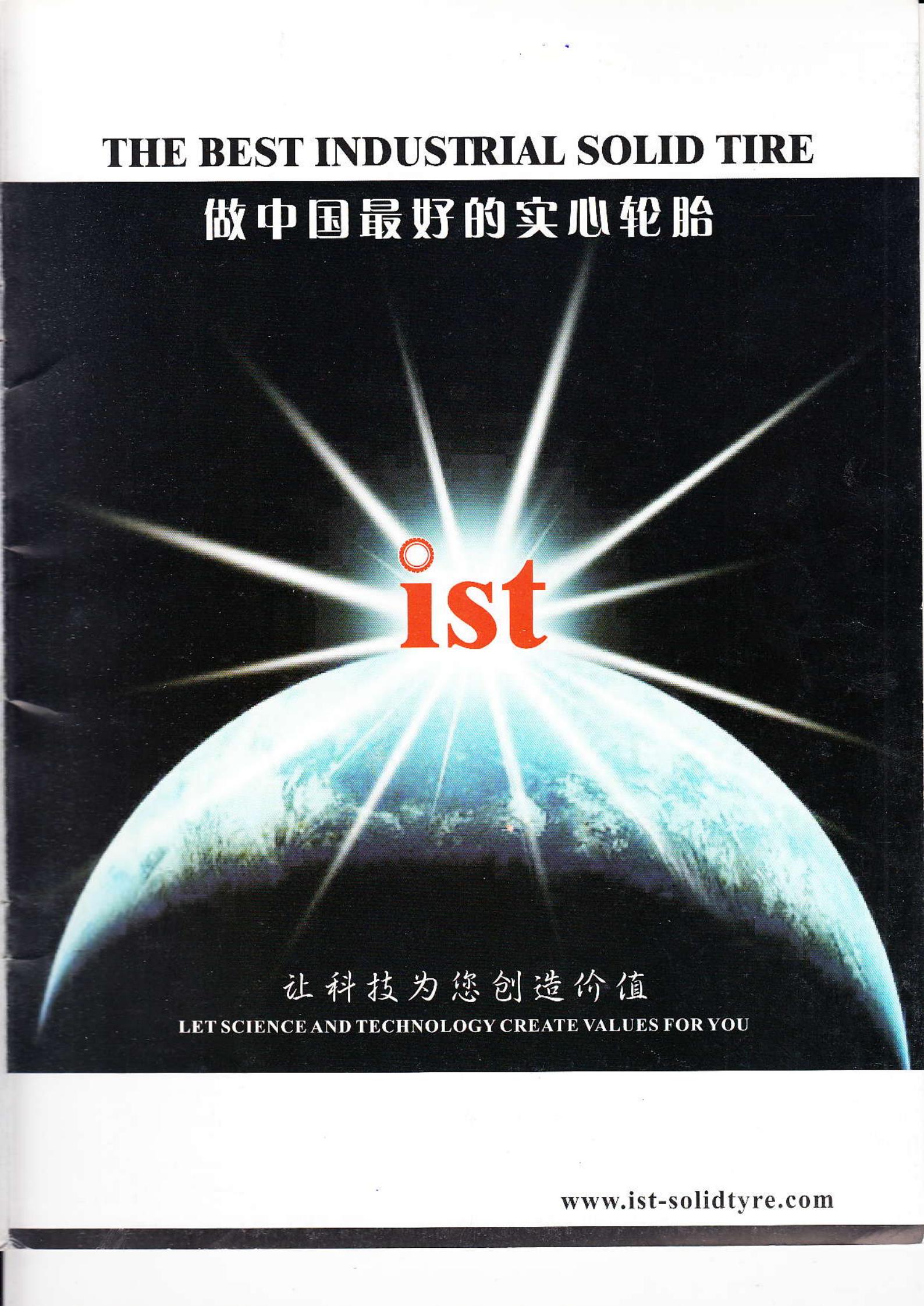
充气轮胎辋实心轮胎和相应的充气轮胎的轮辋是可以互换使用的。但实心轮胎轮辋的装卸需要在压力机上用辅助工具（工装）才能完成。为确保安装过程的安全及准确，应遵循以下规则：

1. 轮胎、轮辋的检查。首先检查轮胎与轮辋的适配性，即需安装的轮胎规格型号是否与轮辋型号相同。同规格的轮胎所使用的轮辋宽度有所不同，如8.25-15/5.50 6.50，轮辋外直径虽然都是15英寸的，但其宽度有5.5英寸和6.5英寸的，安装时要首先确认。轮辋的检查包括轮辋有无缺陷，有无毛刺。如有毛刺，首先打磨平，否则易挂伤轮胎毂内，影响安装和使用。
2. 为保证轮胎能顺利安装到位，减少与轮辋间的摩擦，安装时，轮胎的毂内和轮辋的外表面应喷、涂润滑剂。润滑剂可选择常用的肥皂水、洗衣粉水等，有条件的可用轮胎专用润滑剂，但绝不能使用油脂类等工业常用润滑油，因为它们会溶胀橡胶，损坏轮胎。
3. 轮胎往轮辋上放置时入头要平，不可偏斜，否则安装困难，使用时会左右摇摆。轮辋一定要安装到位，螺栓一定要上紧，否则易滑圈或轮胎轮辋分离造成危险。
4. 根据ETRTOEDI标准要求，轮胎装到车上时，必须同心。不同规格厂家及磨损不同的轮胎不可装到同一台上或同一条轴上，不可与充气胎混装，否则易造成人身、设备事故。



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