

## VPU Series

# EXTRA HEAVY DUTY WHEEL

with Polyurethane tread,  
with steel/cast iron core

|                                                                                     |                            |                                                                                     |                  |
|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|------------------|
|  | Tread & tyre hardness      |  | 92° shore A      |
|  | Temperature resistance     |  | -30 °C to +70 °C |
|  | Rolling resistance         |  | very good        |
|  | Operating noise            |  | good             |
|  | Floor surface preservation |  | good             |



### Tread

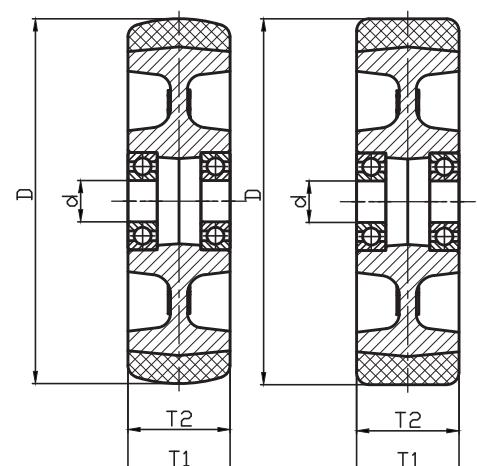
Made of high quality polyurethane. Dersheng's 90° shore A polyurethane wheels offer good floor preservation and low noise operation. With its hydrolysis resistance characteristic, Dersheng PU wheel is perfect wheel for tropical area or working environment associated with high humidity.

### Wheel centre/rim

Made of rugged casting iron/steel.

### Other features

Good resistant to chemical, solvent and many other aggressive substances.  
Great abrasion resistance.  
Good resistance to micro-organisms.  
Working temperature: -30°C to +70°C.  
Maintenance-free under normal conditions.



|  Item No |  Wheel Diameter (D) [mm] |  Wheel Width (T2) [mm] |  Load Capacity [kg(lbs)] |  Axle Bore Ø(d) [mm] |  Hub Length (T1) [mm] |  Tread Profile |  Bearing Type |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 12035106186171                                                                            | 150                                                                                                       | 42                                                                                                      | 700 kgs (1543lbs)                                                                                         | 17                                                                                                    | 42                                                                                                      | Round                                                                                             | Ball bearing                                                                                     |
| 12035106186271                                                                            | 150                                                                                                       | 42                                                                                                      | 700 kgs (1543lbs)                                                                                         | 20                                                                                                    | 42                                                                                                      |                                                                                                   |                                                                                                  |
| 12035106306171                                                                            | 150                                                                                                       | 75                                                                                                      | 1100 kgs (2425lbs)                                                                                        | 20                                                                                                    | 75                                                                                                      |                                                                                                   |                                                                                                  |
| 12035106306271                                                                            | 150                                                                                                       | 75                                                                                                      | 1100 kgs (2425lbs)                                                                                        | 25                                                                                                    | 75                                                                                                      |                                                                                                   |                                                                                                  |
| 12035107206171                                                                            | 180                                                                                                       | 50                                                                                                      | 850 kgs (1874lbs)                                                                                         | 20                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12035107206271                                                                            | 180                                                                                                       | 50                                                                                                      | 850 kgs (1874lbs)                                                                                         | 25                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12035108206171                                                                            | 200                                                                                                       | 50                                                                                                      | 1000 kgs (2205lbs)                                                                                        | 20                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12035108206271                                                                            | 200                                                                                                       | 50                                                                                                      | 1000 kgs (2205lbs)                                                                                        | 25                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12036908206471                                                                            | 200                                                                                                       | 50                                                                                                      | 1000 kgs (2205lbs)                                                                                        | 30                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12036908206571                                                                            | 200                                                                                                       | 50                                                                                                      | 1000 kgs (2205lbs)                                                                                        | 35                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12036908206671                                                                            | 200                                                                                                       | 50                                                                                                      | 1000 kgs (2205lbs)                                                                                        | 40                                                                                                    | 50                                                                                                      |                                                                                                   |                                                                                                  |
| 12035110256171                                                                            | 250                                                                                                       | 62                                                                                                      | 1500 kgs (3307lbs)                                                                                        | 20                                                                                                    | 61                                                                                                      |                                                                                                   |                                                                                                  |
| 12035110256271                                                                            | 250                                                                                                       | 62                                                                                                      | 1500 kgs (3307lbs)                                                                                        | 25                                                                                                    | 61                                                                                                      |                                                                                                   |                                                                                                  |
| 12035110256371                                                                            | 250                                                                                                       | 62                                                                                                      | 1500 kgs (3307lbs)                                                                                        | 30                                                                                                    | 61                                                                                                      |                                                                                                   |                                                                                                  |
| 12034110256471                                                                            | 250                                                                                                       | 62                                                                                                      | 1500 kgs (3307lbs)                                                                                        | 35                                                                                                    | 61                                                                                                      |                                                                                                   |                                                                                                  |
| 12035112356171                                                                            | 300                                                                                                       | 90                                                                                                      | 1800 kgs (3968lbs)                                                                                        | 30                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035112356271                                                                            | 300                                                                                                       | 90                                                                                                      | 1800 kgs (3968lbs)                                                                                        | 35                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035114356201                                                                            | 350                                                                                                       | 90                                                                                                      | 2200 kgs (4850lbs)                                                                                        | 35                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035114356101                                                                            | 350                                                                                                       | 90                                                                                                      | 2200 kgs (4850lbs)                                                                                        | 40                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035114356301                                                                            | 350                                                                                                       | 90                                                                                                      | 2200 kgs (4850lbs)                                                                                        | 45                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035114356401                                                                            | 350                                                                                                       | 90                                                                                                      | 2200 kgs (4850lbs)                                                                                        | 50                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035110306171                                                                            | 250                                                                                                       | 80                                                                                                      | 2000 kgs (4409lbs)                                                                                        | 25                                                                                                    | 90                                                                                                      | Flat                                                                                              |                                                                                                  |
| 12035110306271                                                                            | 250                                                                                                       | 80                                                                                                      | 2000 kgs (4409lbs)                                                                                        | 30                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035110306371                                                                            | 250                                                                                                       | 80                                                                                                      | 2000 kgs (4409lbs)                                                                                        | 35                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035112356371                                                                            | 300                                                                                                       | 90                                                                                                      | 2400 kgs (5291lbs)                                                                                        | 30                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035112356471                                                                            | 300                                                                                                       | 90                                                                                                      | 2400 kgs (5291lbs)                                                                                        | 35                                                                                                    | 90                                                                                                      |                                                                                                   |                                                                                                  |
| 12035116406171                                                                            | 400                                                                                                       | 100                                                                                                     | 2800 kgs (6190lbs)                                                                                        | 35                                                                                                    | 100                                                                                                     |                                                                                                   |                                                                                                  |
| 12035116406271                                                                            | 400                                                                                                       | 100                                                                                                     | 2800 kgs (6190lbs)                                                                                        | 40                                                                                                    | 100                                                                                                     |                                                                                                   |                                                                                                  |
| 12035116406371                                                                            | 400                                                                                                       | 100                                                                                                     | 2800 kgs (6190lbs)                                                                                        | 45                                                                                                    | 100                                                                                                     |                                                                                                   |                                                                                                  |
| 12035116406471                                                                            | 400                                                                                                       | 100                                                                                                     | 2800 kgs (6190lbs)                                                                                        | 50                                                                                                    | 100                                                                                                     |                                                                                                   |                                                                                                  |