Caster Wheel

Heavy-duty swivel caster with brake for mobile access towers and rolling scaffolds.



Material	Q235 / 45# Carbon Steel
Surface Finish	Hot-dip galvanized 45–70 µm / Electro-zinc / Painted
Minimum Order	500 pcs
Packing	10 pcs per carton, on steel pallets
Delivery	15–30 days after deposit and sample approval

Product Overview

The scaffold caster converts any standard scaffold frame into a mobile tower. A swivel fork with a brake pedal lets the tower be steered into position and then locked positively before anyone climbs. A 48.3 mm socket stem drops straight into a standard tube end.

Core Features

Swivel Fork with Brake	The castor rotates 360° for steering and locks with a foot brake before the tower is used.
Heavy-Duty Tyre Options	Polyurethane, rubber or nylon tyres suit indoor floors, rough ground or high-load duties.
48.3 mm Stem Socket	A machined socket stem fits directly into the bottom of a standard scaffold tube.
High Load Rating	Rated from 150 kg up to 300 kg per castor depending on wheel diameter and material.
Zinc Plated Bracket	The fork and stem are zinc plated to resist corrosion on site.

Standard Specifications

Product Type	Swivel scaffolding castor with brake
Wheel Diameter	150 mm / 200 mm (6" / 8")
Wheel Material	Polyurethane / rubber / nylon (cast iron core optional)
Stem Fitting	48.3 mm scaffold tube socket (or threaded stem)
Load Capacity	150–300 kg per castor
Brake	Foot-operated total brake on swivel
Surface Finish	Zinc plated steel bracket and stem

Unit Weight	Approx. 2.20 kg (200 mm PU)

Recommended Applications

Mobile Access Towers	Rolling towers for maintenance and installation work indoors and outdoors.
Warehouse & Fit-Out	Mobile platforms used in racking, ceiling and MEP installation.
Event & Stage	Movable stands and staging structures that must be repositioned quickly.

Request a quotation — email **visitor@merforge.com** or WhatsApp **+8615920592749**. We reply within 24 hours. Dimensions follow EN 74 / BS 1139 series; custom sizes produced to drawing.