

**INDUSTRY SPECIFIC WHEELS + CASTORS**



# Muvtons: The Company



Muvtons Castors was established by Mr. Bhagwan Singh in 1977 with one simple vision: To manufacture wheels & castors that surpass all expectations of quality and performance. Today, having grown to become industry leaders in wheels & castors, we remain committed to that vision as strongly as ever.

We offer the most comprehensive range of solutions for our customers; our products can ferry loads from 100 Kg up to 50 tonnes, and are available in a variety of materials and configurations to fulfil every tenable requirement.

We perform an application study before recommending mobility solutions, employ automated machinery and advanced manufacturing processes, and undertake rigorous in-house product testing to ensure that your investment performs impeccably for years to come.



Mr Bhagwan Singh established Muvtons as a company for manufacturing Elastic Rubber Tyres and Wheels.

1977



1980



Muvtons began manufacturing Castor Forks.

1988



Began exporting to America quality products complying with International norms

1993



Expanded exports to Europe and Australia.

2000



Shifted all machining operations to high precision CNC machining centers & robotic welding

2002



Started manufacture of polyurethane wheels on completely automatic plants.

2008



Implemented a company-wide ERP Platform.

2014



Started production in a state of the art 1,25,000 sq.ft. facility

2019



Started delivering reliable solutions for autonomous vehicle & warehouse robotics.

2022



Introduce advance e-mobility products for Intralogistics



Moving tons...  
So easily...



### World-Class Infrastructure

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Muvtons was established on the outskirts of India's capital, New Delhi. Today, we employ more than 200 skilled people on a 1,25,000 sq. ft. in a state of the art integrated manufacturing plant.



### World class testing facility

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To ensure that we surpass the global quality standard and meet our founders vision of providing highest quality products to our customers.

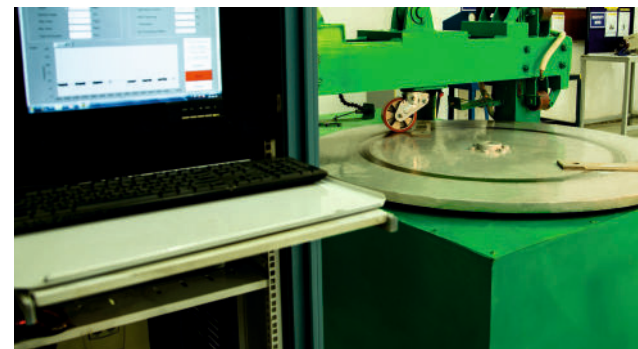


### State of the art manufacturing facility

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Equipped with latest advance machine to ensure consistent high quality production.

- High-precision CNC Machining Centres,
- Robotic Welding Systems,
- Induction Hardening Equipment, and
- Computer controlled polyurethane wheel molding lines.



### Warehouse

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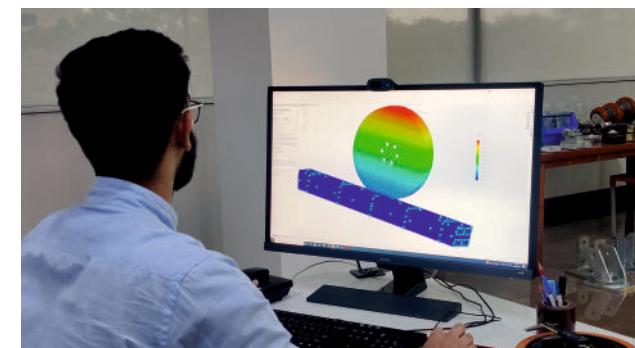
A huge 10,000 sq. mtr of warehousing facility with large stock of standard products to provide short delivery time for customers.



### A young professional team

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Under the leadership of our dynamic CEO, guided by our founders vision of curing customer's needs. With the culture of customer first, and can do attitude the team is ready to serve the needs of customers with standards as well as customised products in shortest time-line.



### Engineering resources

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A team of highly qualified engineering talent from India's best engineering university's empowered by muvtons design centre with cutting edge design & innovation tools. This team forms muvtons backbone for developing high quality and efficient castors & wheels.

### Comprehensive product range

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More than 5,000+ products available in variety of materials and configuration, capable of carrying loads up to 50 tons, to quickly provide right solution to a wide range of applications.



# SOLUTIONS FOR MATERIAL HANDLING

INNOVATION  
COLLABORATION  
PRODUCT BREADTH  
CUSTOMER SUPPORT  
TIMELINE MANAGEMENT

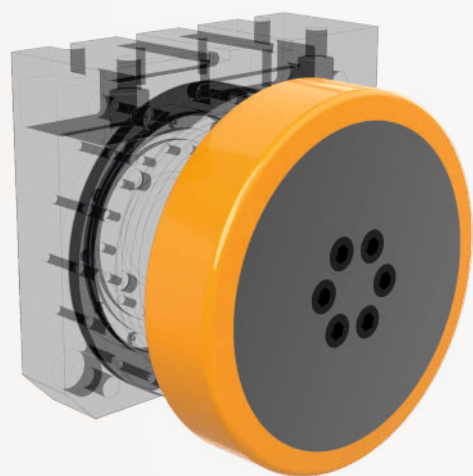
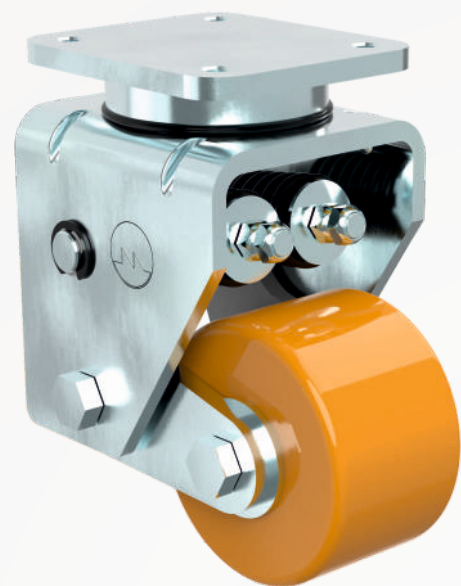


With industry moving towards higher level of automation and Industry 4.0, becoming the norm, the demand for better, faster and reliable mobility solutions are the need of the hour at warehouses and fulfilment centres. With need for higher efficiencies, intra logistics are expected to carry more loads in a smaller footprint while operating for longer hours in complex environments. In order to operate these machines with better efficiency and durability, one needs wheels and caster solutions that are ergonomically proficient with superlative quality standards.

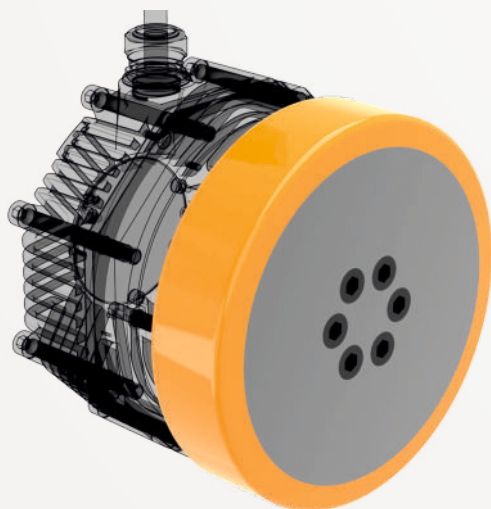
Muvtons has 45 years' experience of building wheels and casters which surpass global standards. Our highly qualified engineering team supported by world class infrastructure has developed the best castor and wheel solutions for material handling. These have been tested in our world class test facilities by simulating actual harsh conditions for performance and durability. Thus providing you efficient products with high level of reliability, which you can fit and forget. Allowing you to concentrate on growth of your business.

All of the above is further supported and enhanced by – our enduring spirit, nimbleness and flexibility. Making us your ideal partner, whether you are building Automatic Guided Vehicles, Robotics or simple cart.





**Customised Drive Wheel  
Solution's Built to Meet  
Your Application Needs**



**Wheels & Castors for  
Fulfillment Centre's**



# SOLUTIONS FOR TEXTILE INDUSTRY

ERGONOMICS

NON RUSTING

LONG LASTING

FLOOR FRIENDLY

CHEMICAL RESISTANT

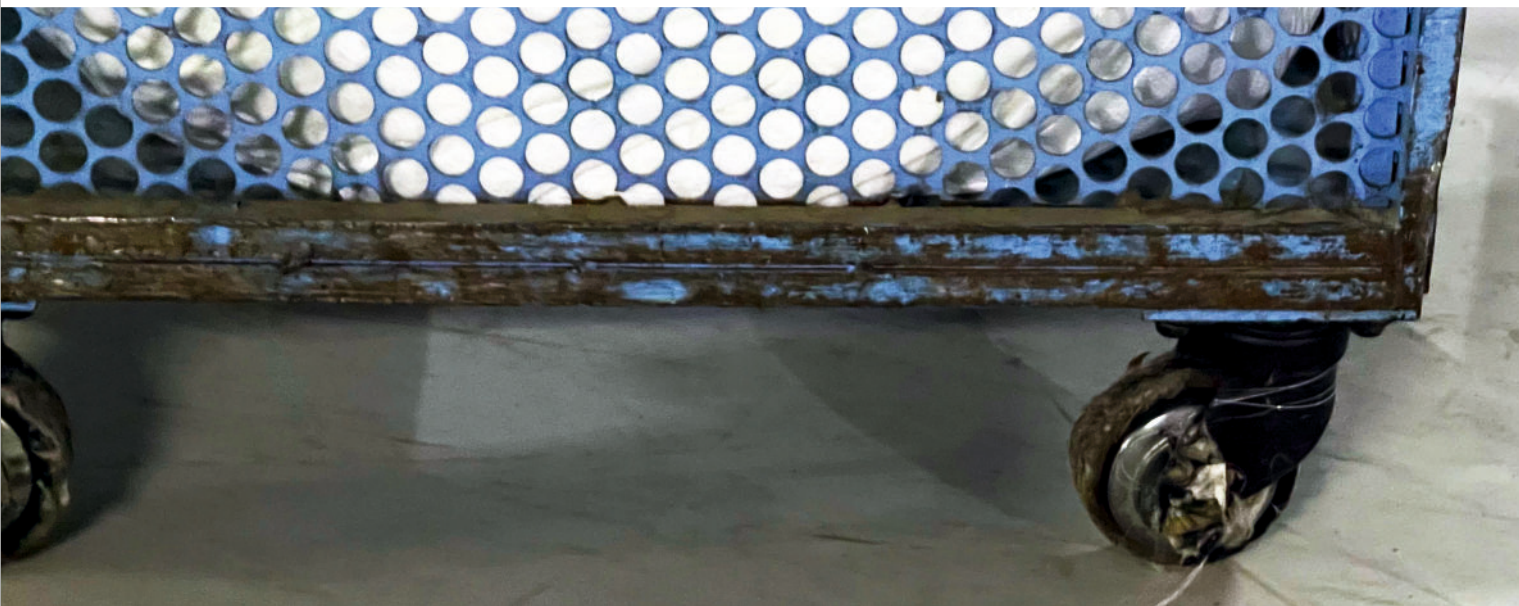
NO THREAD INGRESS WHEEL



The ever demanding textile manufacturing, needs a very efficient system operation to produce end product at lowest cost. The uptime of the machines and supporting equipment is paramount to ensure that the capital deployed is utilized to its optimal level. The harsh environment of Chemicals, washing, high temperature and heavy loads to carry, calls for equipment which are robust, rust resistant and durable. The trolleys and Kart needed to move raw material and finished product are very critical to ensure that heavy loads are moved swiftly with minimum effort and have minimum downtime. The wheels are heart for ensuring these Kart and Trolley perform to optimal level with minimum downtime.

Muvtons has 45 years' experience of building wheels and castors which surpass global standards. Our highly qualified engineering team, using the application knowledge, cutting-edge tools, modelling and finite element analysis have designed castors and wheels that meets the most stringent requirements of textile. Simulating the actual conditions and environment these wheel have been tested with highly accurate latest world class test facility, to ensure your Trolleys not only work with minimum force but able to withstand the harsh chemical, humid and hot temperature without rusting for long time.

All of the above is further supported and enhanced by – our enduring spirit, nimbleness, flexibility and availability, making us your ideal partner for improving your efficiencies and reducing your downtown due to wheels issues.



**CUSTOMER CHALLENGES**

**MUVTONS SOLUTIONS**



**Thread Ingress leading to:**

- Jammed Wheel
- Increased Effort
- Floor Damage
- Higher Maintenance
- Wheel Damage



**Specially designed wheel with Thread Guard to:**

- Prevent Thread design
- Low Maintenance
- Prevent wheel damage
- Prevent floor damage

**Process Water & Chemical leading to:**

- Rusting of Wheels
- Wheel Damage
- Fabric Contamination



**Special Coated Castors Wheel for:**

- Chemical & water resistance
- Low push - pull effort
- No stain on fabric





# SOLUTIONS FOR AVIATION INDUSTRY

Muvtons Deck Castors have been designed keeping in view the tough loading and operating conditions of cargo areas. To ensure longer life and smooth working with low rolling resistance, our castors have following features

- Maintenance free sealed precision bearing
- Toe guard protection
- Low wear and shock resistance nylon wheel of upto 250 kg load
- Integrated bushing for efficient sealing
- Strong 3 mm thick construction



# SOLUTIONS FOR SCAFFOLDING

- SAFE
- DURABLE
- EASE TO USE
- POSITIVE LOCKING
- HEAVY DUTY SWIVEL HEAD

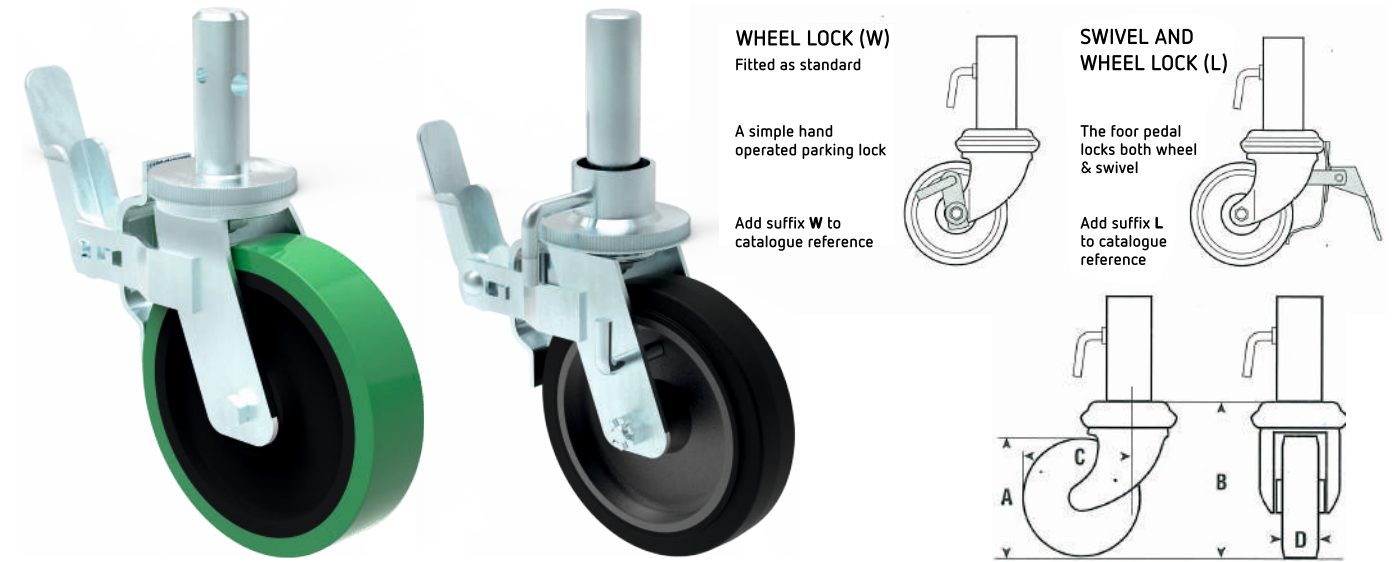


SCF												
A	B	C	D	Static load	Wheel type	Fitting type	Swivel Catalogue reference basic	Fitting availavle Add to basic castor reference				
6"	150	200	129	45	820	Nylon	socket	SCF 150 NY	ST2	ST3	ST5	PS1
				45	500	Nylon	plug	SCF 150 NY	PT4	PT5		PS1
				45	820	Rubber Tyred	socket	SCF 150 RU	ST2	ST3	ST5	PS1
				45	500	Rubber Tyred	plug	SCF 150 RU	PT4	PT5		PS1
				45	820	Polyurethane	socket	SCF 150 PU	ST2	ST3	ST5	PS1
				45	500	Polyurethane	plug	SCF 150 PU	PT4	PT5		PS1
8"	200	244	154	50	820	Nylon	socket	SCF 200 NY	ST2	ST3	ST5	PS1
				50	500	Nylon	plug	SCF 200 NY	PT4	PT5		PS1
				50	820	Rubber Tyred	socket	SCF 200 RU	ST2	ST3	ST5	PS1
				50	500	Rubber Tyred	plug	SCF 200 RU	PT4	PT5		PS1
				50	820	Polyurethane	socket	SCF 200 PU	ST2	ST3	ST5	PS1
				50	500	Polyurethane	plug	SCF 200 PU	PT4	PT5		PS1
				45	820	Cast Iron	socket	SCF 200 CI	ST2	ST3	ST5	PS1
				45	500	Cast Iron	plug	SCF 200 CI	PT4	PT5		

castor with plug type top fitting			
Fitting ref	W	L	
PT1	31.8 (1.25")	64	
PT2	31.8 (1.51")	64	
PT3	38.35 (1.51")	64	
PT4	34.9 (2.5")	127	
PT5	38.1 (1.5")	127	

castor with socket type top fitting			
Fitting ref	W	L	
ST1	44.5 (1.75")	89	
ST2	50.8 (2")	102	
ST3	43.0 (1.68")	89	
ST4	35.0 (1.37")	89	
ST5	47.0 (1.85")	100	

castor with plug type top fitting			
Fitting ref	W1	W2	L
PS1	38	50.4	150



SCFDP												
A	B	C	D	Static load	Wheel type	Swivel Catalogue reference basic	Fitting availavle Add to basic castor reference			Brakes avl Add to basic Castor		
6"	150	190	165	45	820	Nylon	SCFDP 150 NY	ST2	V1	R1	BX4	B
				45	820	Rubber Tyred	SCFDP 150 RU	ST2	V1	R1	BX4	B
				45	600	Polyurethane	SCFDP 150 PU	ST2	V1	R1	BX4	B
8"	200	240	165	50	820	Nylon	SCFDP 200 NY	ST2	V1	R1	BX4	B
				50	1000	Nylon	SCFDP 200 NY	ST2	V1	R1	BX4	B
				50	820	Rubber Tyred	SCFDP 200 RU	ST2	V1	R1	BX4	B
				55	820	Polyurethane	SCFDP 200 PU	ST2	V1	R1	BX4	B

castor with socket type top fitting		
Fitting ref	W	L
ST2	50.8 (2")	102

castor with plug type top fitting		
Fitting ref	W	L
V1	38.3 (1.51")	52.5

castor with top plate	
Fitting ref	Hole suit bolt
R1	10





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