



WHERE STRENGTH MEETS VALUE

Elite Series (Medium Duty)

 **120 - 300kg**

 **105 - 156 mm**

 **80 - 125 mm**



www.colsonchina.com
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THE GLOBAL LEADER IN CASTORS AND WHEELS

- The global leader in castors and most complete product offering in the world
- One-stop shopping for any application and budget
- The most experienced engineering, sales, manufacturing, and quality teams
- Local service worldwide, ready for any business needs

MANUFACTURING



With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary castor product series to provide customers with the highest quality products and services.

ENGINEERING



Utilising the latest technologies, Colson Group design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE



Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right castor from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY



As an active ICWM member, we help define industry testing standards (ISO9001:2015 ANSI ICWM: 2012, EN12532). Leading test labs and global quality systems confirm our castors meet stringent quality standards, allowing up to a 3-year standard warranty on select series.



ACCREDITATION AND AFFILIATES



National Sanitation
Foundation for Food Service



Consult factory for accreditation and affiliated organization requirements on a part-specific basis.





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Ergonomic

Threaded axles allow for effortless wheel change.



Painted surface

Zinc plated finish.



Double ball swivel raceways

Ensuring particularly high stability.



Low vibration transport

With good shock-absorbing properties.



Quiet rolling

Wheel types for a quiet working environment.



Low maintenance

Twin thread guards provide outstanding safety and reliability.



Protected seal

wheels with sealed bearings to protect against water spray and dirt.



Thick frame construction

Built for panels with reinforced, thick frames.



Load capacity

The load capacity depends on the housing and wheels.

Each has been tested and fulfill the requirements according to **EN 12532**.

FITTING

DESIGNED FOR STRENGTH AND STABILITY

Designed to provide a secure and reliable installation on panels with thick frame construction, ensuring stability and long-term performance.

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Consult factory for RoHS, NSF, REACH requirements on a part specific basis.



PLATE FITTINGS



Total Lock

Reliable integrated braking system.

TECHNICAL DATA

80mm, 100mm, 125mm

Fitting option	Fixed plate (mm)	Swivel plate (mm)
Standard dimension	86×105	86×105
Plate hole centres	60×77 / 60×80	60×77 / 60×80
Plate hole diameter	Φ 9	Φ 9

WHEELS

FLEXIBLE SOLUTIONS FOR EVERY APPLICATION

Engineered for versatility and performance, Elite wheels are precisely designed to meet demanding requirements, ensuring optimal performance and reliability in every use.

80mm, 100mm, 125mm



Rubber



Nylon



Hi-Tech Polyurethane



Sandwich

Wheel Selection

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Green Rubber Wheels



Hardness:
70(±5) Durometer Shore A scale.

Capacity up to 200 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	32	170	10	Single Ball Bearing	714-001
125	40	200	10	Single Ball Bearing	714-002

White Nylon Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	35	230	10	Single Ball Bearing	71-009
125	35	250	10	Single Ball Bearing	71-010

Hi-Tech Polyurethane Wheels



Hardness:
95(±5) Durometer Shore A scale.

Capacity up to 300 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	35	230	10	Single Ball Bearing	71-770-01
125	35	300	10	Single Ball Bearing	71-771-01

Sandwich Wheels



Capacity up to 250 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	35	200	10	Single Ball Bearing	712-564
125	35	250	10	Single Ball Bearing	712-530

(Hi-Tech Performa)



胎面硬度:
Shore A 65(±5)

Capacity up to 180 kg each

Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (Kg)	Bore Dia. (mm)	Wheel Bearing	Wheel Code
100	32	120	8	Single Ball Bearing	713-444-1
125	40	180	8	Single Ball Bearing	713-445-1

Medium Duty Castor

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TECHNICAL DATA



Wheel Dia. (mm)	Tread Width (mm)	Capacity Each (kg)	Wheel Descriptions	Fixed Code	Swivel Code	Brake Code	Overall Height (mm)	Offset (mm)	Swivel/ Brake Radius (mm)
100	32	170	Green Rubber	Z512-100-441	Z511-100-441	Z511-100-441Q	128	34	78/133
125	40	200	Green Rubber	Z512-125-441	Z511-125-441	Z511-125-441Q	156	38	90/133



100	35	230	White Nylon	Z512-100-501	Z511-100-501	Z511-100-501Q	128	34	78/133
125	35	250	White Nylon	Z512-125-501	Z511-125-501	Z511-125-501Q	156	38	90/133



100	35	230	Hi-Tech Polyurethane	Z512-100-101	Z511-100-101	Z511-100-101Q	128	34	78/133
125	35	300	Hi-Tech Polyurethane	Z512-125-101	Z511-125-101	Z511-125-101Q	156	38	90/133



100	35	200	Sandwich	Z512-100-211	Z511-100-211	Z511-100-211Q	128	34	78/133
125	35	250	Sandwich	Z512-125-211	Z511-125-211	Z511-125-211Q	156	38	90/133



100	32	120	Hi-Tech Performa	Z512-100-311	Z511-100-311	Z511-100-311Q	128	34	78/133
125	40	180	Hi-Tech Performa	Z512-125-311	Z511-125-311	Z511-125-311Q	156	38	90/133



APPLICATIONS

VERSATILE. RELIABLE. AFFORDABLE.



Road Cases



Utility Carts



Dollies



Sensitive Equipment



Display Units



Food Service Carts

COLSON®

42

42 facilities

14

14 countries

192K

192k castors shipped daily.

A PARTNER YOU CAN RELY ON



Dependable Supply

With 42 facilities in 14 countries around the world, Colson Group has the robust supply chain to be able to meet your needs.



ROHS Compliant

Our products are manufactured without harmful or hazardous materials to protect the public health and the environment.



Proven Performance

Products are manufactured in controlled environments. We have systems and procedures in place to ensure our high standards are maintained.

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