



Change Oversized Tyres On-Site, Efficiently and Safely

Designed with great visibility, and superior durability.

APPLICATIONS

Designed for the mining and earth moving industries and may be used in any application requiring the need to handle earth moving tyres. The Cascade Tyre Handler allows you to safely handle OTR tyres weighing up to 16 metric tons. The ability to rotate, tip and sideshift the tyre provides the flexibility needed to align the tyre to the truck and complete the tyre change without the lift truck driver leaving the cab of the lift truck.

FEATURES

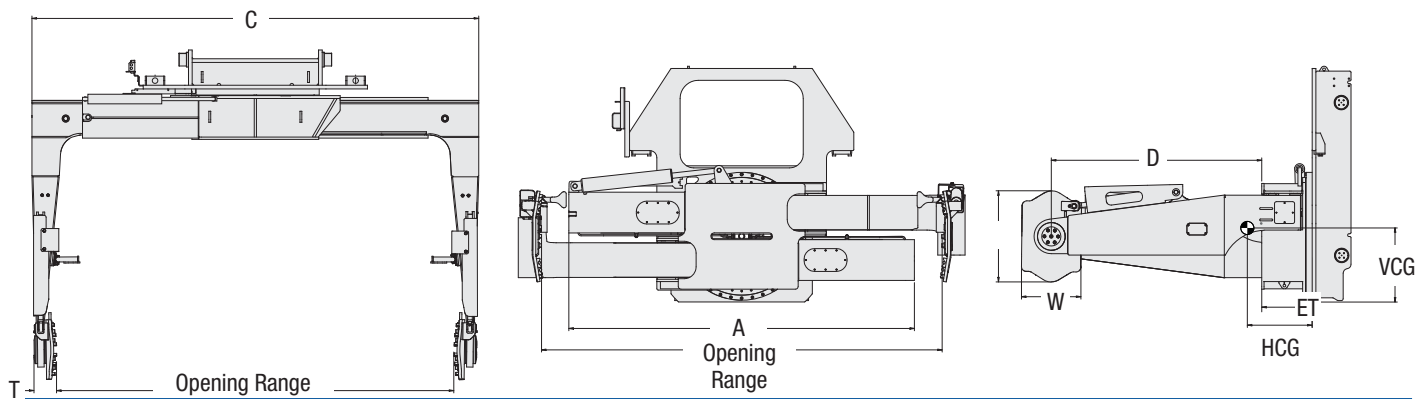
- Superior visibility through and over the frame for aligning the tyre and rim to the vehicle
- Rugged steel frame and rigid arm design for increased overall durability and capacity
- Heavy duty Cascade cylinder drive rotation system
- Forward tipping pad design to safely set the tyre down flat
- Lifting capacities of up to 16 metric tons
- Ability to handle tyres ranging from 1.6m -4.1m in diameter and up to 1.885m wide
- All hoses are internally located to prevent damage
- The thinnest profile arms in the industry for those hard to access tyres
- Unitized control valve with individual test points for fast fault diagnosis

OPTIONS

- Smaller capacities available
- Special rotation ranges
- Non-Rotating models available for logistics operations
- Multipurpose models available for handling other bulk freight
- Special opening ranges available
- Quick release pad options available for handling steel rims and protection chains
- Mountings for Loaders, Lift Truck Carriages, Telehandlers and Cranes available
- Joystick control system to operate all attachment functions (requires only two hydraulic hoses over the mast)



K-SERIES TYRE HANDLER



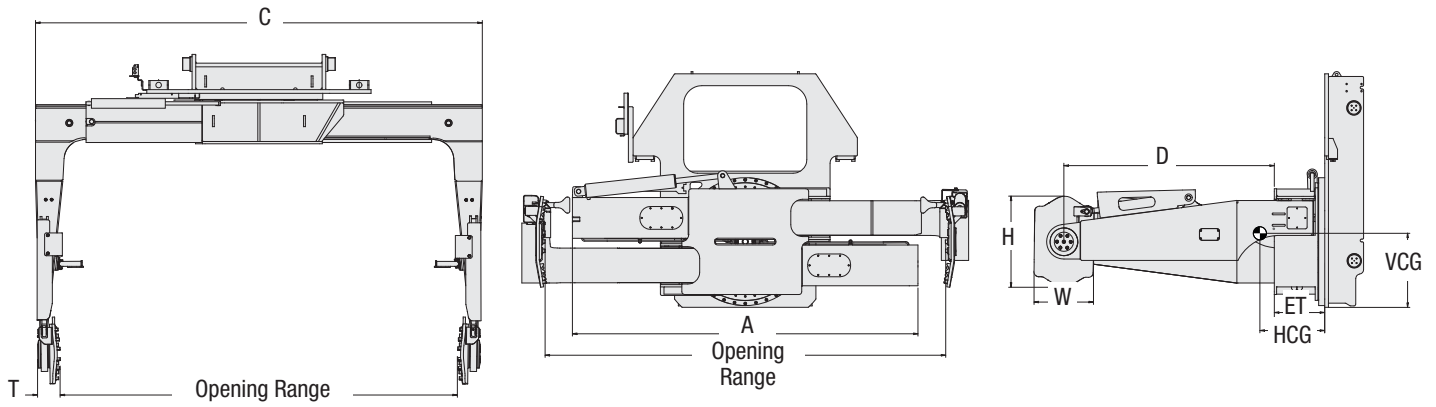
Model	45K-DTI-170	45K-DTI-200	60K-DTI-200	60K-DTI-230	80K-DTI-230	80K-DTI-250
Opening (Min)	1300	1300	1300	1300	1350	1350
Opening (Max)	3500	3500	4000	4000	4400	4400
A Frame Width	2780	2780	3300	3300	3500	3500
C Overall Width	4020	4020	4570	4570	4920	5050
D Arm Length	1700	2000	2000	2300	2300	2500
H Pad Height	880	880	880	880	1000	1000
W Pad Width	650	650	650	650	650	650
T Pad Thickness	230	230	250	250	260	260

Specifications

Narrow base	Tyre size	1800-25	1800-25	1800-25	1800-25	1800-25	1800-25
	Range	3000R51	3000R51	3700R57	4000R57	4000R57	53/80R63
	Min	1680	1680	1680	1680	1680	1680
	Max	2950	2950	3440	3560	3560	3900
Wide base	Tyre size	23.5R25	23.5R25	23.5R25	23.5R25	23.5R25	23.5R25
	Range	45/65R45	45/65R45	50/65-51	50/65-51	55/80R57	55/80R57
	Min	1650	1650	1650	1650	1650	1650
	Max	2600	2600	3100	3100	3730	3730
Mounting	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL
Capacity (kg)	4500	4500	6000	6000	8000	8000	
ET (Lost Load - mm)	440	440	480	480	510	525	
HCG (mm)	540	560	600	615	700	720	
VCG (mm)	560	560	630	630	650	650	
Mass (kg)	2950	3000	3650	3700	5000	5100	
Body Rotation	+ / - 45	+ / - 45	+ / - 40	+ / - 40	+ / - 37	+ / - 37	
Pad Rotation	90°	90°	90°	90°	90°	90°	
Opt Pad Rotation	360°	360°	360°	360°	360°	360°	
Oil Flow (Min lpm)	60	60	60	60	60	60	
Oil Flow (Rec lpm)	75	75	75	75	75	75	
Oil Flow (Max lpm)	100	100	100	100	100	100	
Rec Oil Pressure	170	170	170	170	170	170	

- ▶ Contact Cascade for pricing.
- ▶ Recommended models for tyre size assume tyre & rims weights are combined.
- ▶ Contact Cascade for advice if on vehicle maintenance (OVM) is used.
- ▶ The above specifications are estimates. Each configuration may vary depending on the mounting design. Consult Cascade.
- ▶ Consult Cascade for options such as rim pads, chain pads, transport & storage stands.

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Model	100K-DTI-230	100K-DTI-250	100K-DTI-280	150K-DTI-230	150K-DTI-280	160K-DTI-280
Opening (Min)	1350	1350	1350	1350	1350	1640
Opening (Max)	4400	4400	4400	4400	4400	4600
A Frame Width	3500	3500	3790	3790	3790	3440
C Overall Width	4920	5050	4900	4900	4900	5280
D Arm Length	2300	2500	2300	2300	2800	2800
H Pad Height	1000	1000	1000	1000	1000	1000
W Pad Width	650	650	650	650	650	650
T Pad Thickness	265	265	265	265	265	265

Specifications

Narrow base	Tyre size	1800-25	1800-25	1800-25	1800-25	1800-25	1800-25
	Range	4000R57	59/80R63	59/80R63	4000R57	59/80R63	59/80R63
	Min	1680	1680	1680	1680	1680	1680
	Max	3560	4020	4020	3560	4020	4020
Wide base	Tyre size	23.5R25	23.5R25	23.5R25	23.5R25	23.5R25	23.5R25
	Range	65/65-57	65/65-57	65/65-57	70/70R57	70/70R57	70/70R57
	Min	1650	1650	1650	1650	1650	1650
	Max	3850	3850	3850	4100	4100	4100
Mounting	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	
Capacity (kg)	10000	10000	10000	15000	15000	16000	
ET (Lost Load - mm)	560	560	560	590	610	620	
HCG (mm)	670	730	795	770	810	810	
VCG (mm)	650	675	675	700	710	710	
Mass (kg)	5800	5900	6000	6700	6900	6950	
Body Rotation	+ / - 36	+ / - 36	+ / - 36	+ / - 35	+ / - 35	+ / - 35	
Pad Rotation	90°	90°	90°	90°	90°	90°	
Opt Pad Rotation	360°	360°	360°	360°	360°	360°	
Oil Flow (Min lpm)	60	60	60	60	60	60	
Oil Flow (Rec lpm)	75	75	75	90	90	90	
Oil Flow (Max lpm)	100	100	100	100	100	100	
Rec Oil Pressure	170	170	170	170	170	170	

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- ▶ The above specifications are estimates. Each configuration may vary depending on the mounting design. Consult Cascade.
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