

MODEL TYPES

MOVING MAST

Unlike conventional counterbalance forklifts, the MOFFETT does not require a counterweight at the rear. Instead, it carries the load within the frame, thus stabilizing both the load and the machine.



PANTOGRAPH

MOFFETT pantograph units feature an additional reach mechanism, known as a scissor or pantograph, which extends the machine's reach. This, combined with Lift Assist® and moving mast, enables operators to load and offload from the far side of a fully loaded truck without causing the mast to collide with the truck or trailer body. This allows offloading from one side of the transport vehicle, avoiding traffic lanes.



4-WAY

MOFFETT 4-way models feature 90-degree lateral movement and multi-directional sideways travel, making it easy to maneuver wide loads through tight job sites, clear narrow spaces, and deliver precisely where required.



4-WAY PANTOGRAPH

4-Way Pantograph models use MOFFETT's patented Lift Assist® stabilizing system. This advanced technology allows for full-capacity, single-side offloading up to an 8-foot lifting height. Designed with 4-Way functionality, this is the perfect solution for transporting wide loads through narrow openings with ease & precision.



MOFFETT
MODEL RANGE
PRODUCT-APPLICATION MATRIX

	M4 36.1	M4 45.3P	M4 45.3P DS	M4 45.4P	M5 50.3	M5 50.3P	M5 50.4	M5 50.4P	M5 50.3 Bale Clamp	M5 50.3P Gas Clamp	M8 55.3	M8 55.3P	M8 55.4	M8 55.4P	M8 70.3	M8 80.3	M8 80.4	M9 55.3	M9 55.4	M4 36.3 BC	M9 60.3	L870	M8 70.3 PR
Agriculture, Seed & Fertilizer		R			O	O					O	O											
Beverage Delivery	R	O																					
Bottled Gas			R																				
Brick & Block											R	R											
Drywall											R	R	R	R	R			R	R				
Electrical Utilities											O			O		R							
Fire & Rescue	O				R	R					O	O											
General Building Supplies					O	O	O	O			R	R	R	R					O				
Glass Deliveries	O				R	R					O												
Industrial & Specialty Gases			R																				
Landscape & Turf	O				R	R					O												
Last Mile Distribution					R	R					R	R	R										
LP Gas Tank Delivery										R													
Lumber Deliveries											O	O	R	R									
Lumber, Light				R	O	O	R	R															
Metal Buildings				R			R	R															
Mobile Storage											R	R			R								
Municipalities & Public Works											O	O		O	R	R							
Precast Concrete											O	O			O	R							
Railroad Maintenance											O		O			R							
Rental Equipment Delivery	O				R	R					O												
Roofing Material Deliveries											R	R	O	O									
Roofing, Light					R	R	O	O															
Scaffolding					R	R					O	O	O										
Scrap Paper Recycling									R														
Siding				O	O	O	R	R			O	O	R	R									
Sod & Turfgrass	R																						
Tile & Marble	R				O	O					O	O					R						
Wall Panel																	R						
Wood Pellet	R																						
Trusses																	R						
Poultry, Baby Chick																				R			
Poultry, Live Haul																					R		
Poultry, Live Receiving																						R	
Protein Recovery																							R
	M4 RANGE			M5 RANGE							M8 RANGE					M9 RANGE			POULTRY RANGE				

R = Recommended
O = Optional

Disclaimer. Hiab cranes have been built to meet the highest standards of safety and service life and have been thoroughly tested. Strength calculations for this model have been carried out in accordance with EN13001 in fatigue class S2. Cargotec's certified Quality Assurance System complies with ISO 9001. Some of the items in our literature may be extra equipment. Certain applications may require an official permit. We reserve the right to change technical specifications without prior notice. Hiab cranes produced for EU-countries are CE marked and comply with the European Standard EN12999. Hiab is the world's leading provider of on-road load handling equipment. Our high performance product range includes loader cranes, forestry and recycling cranes, demountables, truck mounted forklifts and tail lifts. We aim to set the industry benchmark for customer satisfaction by providing products and services that meet customer needs globally.

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Hiab is part of Cargotec.
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MOFFETT
MODEL RANGE



Learn more about the
MOFFETT product range!

BUILT TO PERFORM



MORE WITH MOFFETT

A MOFFETT truck-mounted forklift is the ideal productivity tool for your business, offering more precision, versatility, profitability, and a competitive edge. Backed by over half a century of groundbreaking innovation, MOFFETT delivers unmatched reliability and performance, making it the top choice for business owners in the most demanding industries.

Agriculture, Seed & Fertilizer Beverage Delivery Bottled Gas Brick & Block Drywall Electrical Utilities Fire & Rescue General Building Supplies Glass Deliveries Industrial & Specialty Gases Landscape & Turf	Last Mile Distribution LP Gas Tank Delivery Lumber Deliveries Metal Buildings Mobile Storage Municipalities & Public Works Precast Concrete Railroad Maintenance Rental Equipment Delivery Roofing Material Deliveries Scaffolding	Scrap Paper Recycling Siding Sod & Turfgrass Tile & Marble Wall Panel Wood Pellet Trusses Poultry, Baby Chick Poultry, Live Haul Poultry, Live Receiving Protein Recovery
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The MOFFETT model range offers industry-leading features in:

SAFETY - From the mounting kit to the strobe light, MOFFETT forklifts are designed with your operators' safety in mind. Each model comes equipped with LED transport, work and strobe lights, a reverse alarm, and a drive control interlock seatbelt featuring a seat presence indicator and audible alarm. With a carefully engineered low center of gravity, MOFFETT forklifts provide outstanding stability. Additionally, most MOFFETT forklifts meet ANSI B56.14 standards.

PERFORMANCE - No matter the load size, MOFFETT offers solutions to meet your performance needs. Each model is carefully designed with the right capacity, lift height, fork size, and mast features tailored to specific applications.

DRIVETRAIN - The robust hydrostatic drive of the MOFFETT enables it to tackle all types of terrain and position materials precisely where you need them.

TRANSPORT - Nearly any truck or trailer can be adapted to carry a MOFFETT. Once at the job site, the unit can be dismounted and ready for work in just 60 seconds.



Hiab HiConnect is a web-based dashboard that provides valuable insights into equipment usage, location, operating time, idle time, and productivity levels. By offering these insights, HiConnect helps boost efficiency, productivity, and safety. As the latest in connectivity technology, HiConnect allows you to remotely access critical data, ensuring decisions are based on facts rather than assumptions. It maintains constant contact with all units, enabling fleet managers to prevent unsafe behavior and usage before incidents occur. Additionally, by allowing you to view service history and plan upcoming maintenance, HiConnect minimizes downtime and enhances daily operational efficiency.

MODEL	TYPE	Capacity @ 24" Load Center (lbs)	Lift Height (in) [Std / Opt]	Tier4 Final Engine (hp)	Height to Top of Overhead Guard (in)	Standard Forks	Tire Size [Tread] F/R (in)	Hydrostatic Drive Wheels	Hydrostatic Transmission Control	Unladen Weight (lbs)*	Ground Assist	Overhang [rear wheel turned 180°] (in)
DIESEL												
M4 36.1 NXV	Pantograph or Reach Forks	3,600	86	KOHLER 25	83	CL III Pallet	400 x 4 Twin (IND) / 23 x 8.5 - 12 [SS]	1	Pedal w/Anti-Stall	3,500	Ground-Start	46
M4 36.3 NXV	Pantograph or Reach Forks	3,600	86	KOHLER 25	83	CL III Pallet	23 x 8.5 - 12 [SS]	3	Pedal w/Anti-Stall	3,820	Ground-Start	46
M4 45.3P NXV	STM / Pantograph	4,500	86 / 120 / 144	KOHLER 25	85.5	CL III Pallet	29 x 12.5 - 15 [TG]	3	Pedal w/Anti-Stall	4,420	Ground-Start	52.5
M4 45.3P STM LP NXV	STM / Pantograph	4,500	86	KOHLER 25	80.75	CL III Pallet	26 x 12 x 12 (TG)	3	Pedal w/Anti-Stall	4,420	Ground-Start	52.5
M4 45.3P STM NX DS	STM / Pantograph	4,500	86	KUBOTA 25	81.25	CL III Pallet	27 x 10 x 12 (IND)	3	Pedal w/Anti-Stall	4,420	Ground-Start	52.5
M4 45.4P NXV	STM / Pantograph	4,500	86 / 120 / 144	KOHLER 25	85.5	CL III Lumber	29 x 12.5 - 15 [TG]	3	Pedal w/Anti-Stall	4,830	Ground-Start	52.5
M5 50.3 NX	Moving Mast	5,000	120 / 144	KOHLER 48	98	CL II Pallet	31 x 15 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	5,150	Ground-Start	56
M5 50.3 NX BALE CLAMP	Moving Mast	5,000	144	KOHLER 48	98	Squeeze Forks / Clamp Arms	27 x 10 x 12 (IND)	3	Pedal w/Anti-Stall	5,150	Ground-Start	56
M5 50.3P NX	Moving Mast / Pantograph	5,000	120 / 144	KOHLER 48	98	CL III Pallet	31 x 15 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	6,260	Ground-Start	59
M5 50.4 NX	Moving Mast	5,000	120 / 144	KOHLER 48	98	CL II Lumber	31.5 x 16.5 - 16.5, 10-ply [SS] / 31 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	5,880	Ground-Start	56
M5 50.4P NX	Moving Mast / Pantograph	5,000	120 / 144	KOHLER 48	98	CL II Lumber	31.5 x 13 - 16.5, 10-ply [SS] / 31 x15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	6,810	Ground-Start	59
M8 55.3 NX2	Moving Mast	5,500	120 / 144	KOHLER 56	103	CL III Pallet	31 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	5768 / 6336	SM+	60
M8 55.3P NX2	Moving Mast / Pantograph	5,500	120 / 144	KOHLER 56	103	CL III Pallet	31 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	7077 / 7237	SM+	70
M8 55.4 NX2	Moving Mast	5,500	120 / 144	KOHLER 56	103	CL III Lumber	31.5 x 13 - 16.5 [SS] / 31 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	6571 / 7121	SM+	60
M8 55.4P NX2	Moving Mast / Pantograph	5,500	120 / 144	KOHLER 56	103	CL III Lumber	31.5 x 13 - 16.5, 10-ply [SS] / 31 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	8477 / 8667	SM+	70
M8 70.3 NX2	Moving Mast	7,000	120 / 144	KOHLER 56	103	CL III Pallet	31 x 15.5 - 15, 12-ply [RT]	3	Pedal w/Anti-Stall	6036 / 6166	SM+	60
M8 80.3 NX2	Moving Mast	8,000	120 / 144	KOHLER 56	103	CL III or PIVOT	31 x 15.5 - 15, 12-ply [RT]	3	Pedal w/Anti-Stall	7076 / 7216	SM+	60
M8 80.4 NX2	Moving Mast	8,000	120 / 144	KOHLER 56	103	CL III or PIVOT	31.5 x 13 - 16.5 [SS] / 31 x 15.5 - 15, 12-ply [SF]	3	Pedal w/Anti-Stall	8246 / 8386	SM+	64
M9 55.3 LP NX	Moving Mast	5,500	144 [48]	KOHLER 56	78	CL II Pallet	31.5 x 13 - 16.5, 10-ply [SS] / 31.5 x 15.5 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	6,625	Lower & Go®	62
M9 55.4 LP NX	Moving Mast	5,500	144 [48]	KOHLER 56	81	CL II Lumber	31.5 x 13 - 16.5, 10-ply [SS] / 31 x 15 - 15, 8-ply [TG]	3	Pedal w/Anti-Stall	7,650	Lower & Go®	62
M9 60.3 LP NX	Moving Mast	6,000	124 [28]	KOHLER 56	82	CL II Pallet	31.5x 13. - 16.5 [SS](Std) 10-16.5 [SS](Opt)	3	Pedal w/Anti-Stall	7,690	Lower & Go®	64
PERFORMANCE							DRIVETRAIN			TRANSPORT		

*Optional tires/forks will change listed weight
NOTE: The above specifications are not binding upon the manufacturer and may be changed without prior notice.