



The MVA Product Line – Multifunctional Articulated Vehicles entirely designed and manufactured by Mecfor

Designed to resist heavy-duty usage in harsh industrial environments, the **MVA Multifunctional Articulated Vehicles** will meet all of your requirements, in terms of durability, reliability as well as ease of operation and maintenance. This vehicle has all the key technical requirements to help you achieve your objectives: user-friendly system, high-visibility mast, Quick Connect tool changing system, safe and ergonomic operator cabin as well as an excellent working speed. The MVA vehicle can easily be adapted to your operational requirements, in terms of load capacity - from 18,000 lb. (8,164 kg) to 65,000 lb. (29,483 kg).

Mecfor inc.
1788 Mitis St.
Chicoutimi (Quebec)
Canada G7K 1H5

T - 418.543.1632
F - Adm. 418.543.4351
F - Eng. 418.543.8219
mecfor@mecfor.com



Features

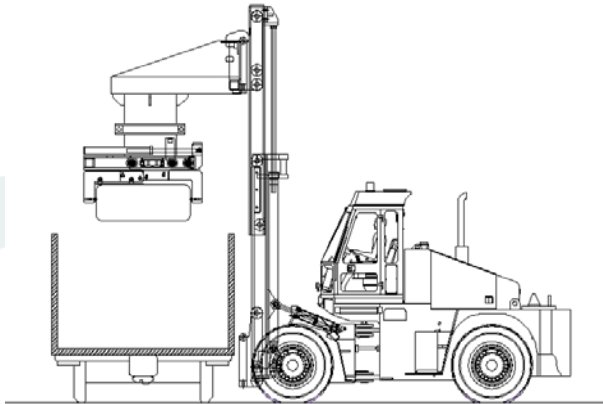
- **Various load capacities, ranging from 18,000 lb. (8,164 kg) to 65,000 lb. (29,483 kg)**
- **Safe, ergonomic cabin with air-conditioning system**
- **Quick Connect tool changing system** with manual hydraulic connections
- **Full visibility of work in progress for the operator**, on account of a camera system and of two viewing screens located inside the cabin (optional)
- **Versatility** – The following tools may be connected to the MVA vehicle's mast: L-shaped fork, 27-degree rotating clamp and more
- **Extreme durability** for heavy-duty usage in harsh industrial working environments
- **Entirely designed and manufactured by Mecfor** – Premium quality
- **The Mecfor Advantage – After-sales service, available 24 hr/7 d** and technical support (spare parts, operators training services, etc.)





The MVA's tool changing system is user-friendly; the operator remains on the vehicle platform to connect the various tools.

The Quick Connect system is safe, and connections are carried out manually. The vehicle's mast has a 12-degree tilting angle (forward and backward) to take the tool, which has to be manually connected to the hydraulic system by the operator.



Once the clamp is connected to the MVA vehicle, it can be used to lift and carry aluminium ingots of up to 32,000 lb. (14,514 kg), depending of the chosen vehicle's load capacity. The clamp has a rotating angle of 27 degrees, which allow the vehicle to lift the load efficiently, even if the ingots are positioned in a diagonal line in an open carrying car.

Characteristics and Systems

- Weight of the vehicle – up to 83,400 lb. (37,829 kg)
- Removable counterweight of up to 23,000 lb. (10,432 kg)
- Dimensions – length = 230 in. (5.8 m) / width = 118 in. (2.9 m)
- Maximum speed: 24 km/hr
- John Deere diesel engine Series 6068
 - 225 HP @ 2400 RPM
 - 6-cylinder, turbocharger with cooler
 - Funk DF250 Transmission system (8 forward gears and 2 reverse gears)
- Front and rear Axle Tech PRLC1794
- Four-wheel drive
- Trojan 1400*24 front and rear tires (4 front tires and 4 rear tires)
- Ground clearance of 14 in. (0.35 m)
- 12-degree forward and backward tilting angle
- Hydraulic reservoir
- **Lifting capacity of up to 65,000 lb. (29,483 kg)**
- Camera system installed on the clamp and two viewing screens located inside the cabin provide full visibility of the work in progress for operators (optional).



Full visibility of the work in progress – The operator perfectly controls the clamp movement on account of the camera system and of the two viewing screens (optional).



Mecfor
MECFOR.COM

For more information about the MVA Multifunctional Articulated Vehicle, do not hesitate to contact us.

Yves St-Gelais
Representative – Sales
Mecfor Inc.

www.mecfor.com

Tel.: (418) 543-1631

Fax: (418) 543-8219

E-mail: st-gelais.yves@mecfor.com