

# M Type Series

5t·10t

**Traversing wheel with flange**  
(Only for flat rail)

**Traverse brake**  
Disk type DC brake  
The brake torque can be adjusted.

**Tie Bolts**  
Secured by a grooved nut and split pin.

**Applicable rail size**  
Box Rail : width 300~350mm

**Hoist Motor**  
High-resistance squirrel-cage motor with Class F insulation and ball bearings in heatproof grease.

**Electromagnet brake**  
Disk brake with an auto adjustment device

**Control box**  
The cover can be opened and closed by one-touch operation.

**Mitsubishi original wire rope**

**Hook block**  
Hook with an all-surface cover and a hook latch

**Traverse deceleration section**  
Grease lubrication, simple 2-step deceleration, and totally enclosed structure.

**Traverse Motor**  
Squirrel-cage type with Class B insulation.

**Drum Casing**  
Built of rugged steel plate.

**Hoisting deceleration section**  
Grease lubrication, simple 2-step deceleration

**Hoisting limit switch**  
2-step hoisting limit switch (Avoid using this switch for regular use.)

**Additional hoisting deceleration section**  
(Inside of drum)  
Grease lubrication, simple 1-step deceleration

## Options

Over loading monitor  
Guide roller  
Traversing limit switch

※ Photo is an optional wearing product. Please refer for the optional details separately.

M Type has been designed for optimizing price and performance.

## Specifications

Type	Capacity(t)	Lift(m)	Wire rope			Hoisting				Traversing							
										Mono-rail				Double-rail			
			2 falls(2/1)	4 falls(4/1)	Rope specification	Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor			Speed m/s (m/min)	Motor		
							Output (kW)	Rated Current (A)	Poles		Output (kW)	Rated Current (A)	Poles		Output (kW)	Rated Current (A)	Poles
M	5	12	12.5	—	Mitsubishi original wire rope ※1	5	5.0	12.5	4	21	0.5	1.5	4	21	0.5	1.5	4
	10	—	—	12.5		2.5	5.0	12.5	4	12	0.85	2.2	4	15	0.85	2.2	4

※1 Using non genuine wire ropes causes low safety factor has an increased risk of short product cycle

## Standard specifications

● **Power supply**... 3-phase 380V 50Hz control 48V(24V is also available)

● **Operating method**... Push button switch operations.

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Suspended type	4 Points
Frame mounted type	ON OFF U D
Motor operated traversing hoist	8 Points
	ON OFF U D E W S N

● **Rating**... Hoisting : 40%ED(100% of load rating), 240S/Hr (FEM 9.683), ※only 50Hz  
Traversing : 25%ED (100% of load rating), 150S/Hr ※only 50Hz

● **Power supply system**... Cable feeding, trolley feeding

● **Enclosure**... Simplified out door type(JIS C 9620 Equivalent to IP-44)

● **Applicable standard**... JIS C 9620 electric hoist/crane structure standard, FEM 9.683

● **Hoist class(ISO 4301-1)**... M5

● **Color coating**... Main body : Metallic gray (Equivalent to Munsell N4.0)  
Hook block : Munsell 7.5YR 7/14  
Push button : Equivalent to Munsell 7.5YR 7/13

● **Ambient air temperature**... -10°C~40°C (Non condensing)

● **Ambient air humidity**... 90% or less (Non condensing)

## Traversing wheel and Applicable rail

