

# Electric Pallet Truck

M20 / M25



# Electric & manual mode switching to maximize uptime



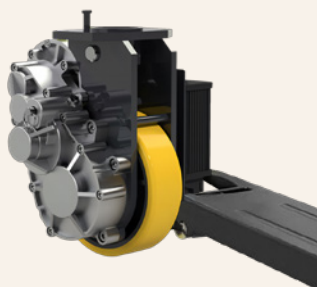
OLED SCREEN

- Display of running hours, battery level, fault code
- Left button: high speed / low speed
- Right button: upright mode on/off

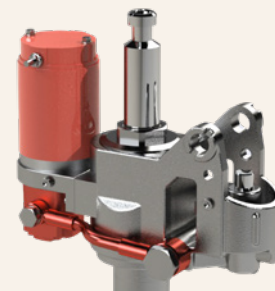
HYBRID DRIVE

## BRUSHLESS MOTOR

- Higher efficiency
- Cost savings
- Maintenance free



HYBRID PUMP



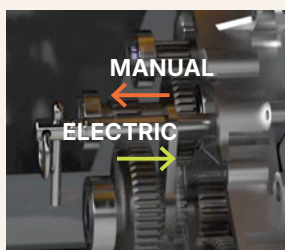
## ELECTRIC LIFT MODE

- Easy and efficient



## MANUAL LIFT MODE

- Extends uptime by 30 minutes
- No downtime



- Patented Clutch Technology
- Switchable between electric and manual mode
- No downtime

LFP BATTERY



**M20:** 48V15Ah standard battery

**M25:** 48V20Ah standard battery

- Compact and portable
- 2-3 hours fast charging
- 80% capacity after 2000 cycles



## WHEEL OPTIONS

Available with rubber or plastic wheels

SDR = rubber wheels  
SD = plastic wheels



GET MORE INFO ABOUT  
OUR PALLET TRUCKS

## HIGHLIGHTS OF M20 / M25

- 2-in-1 electric/manual mode switch. No downtime.
- 8 hours of non-stop operation with a spare battery.
- 8% max. gradeability leads the market with superior performance.



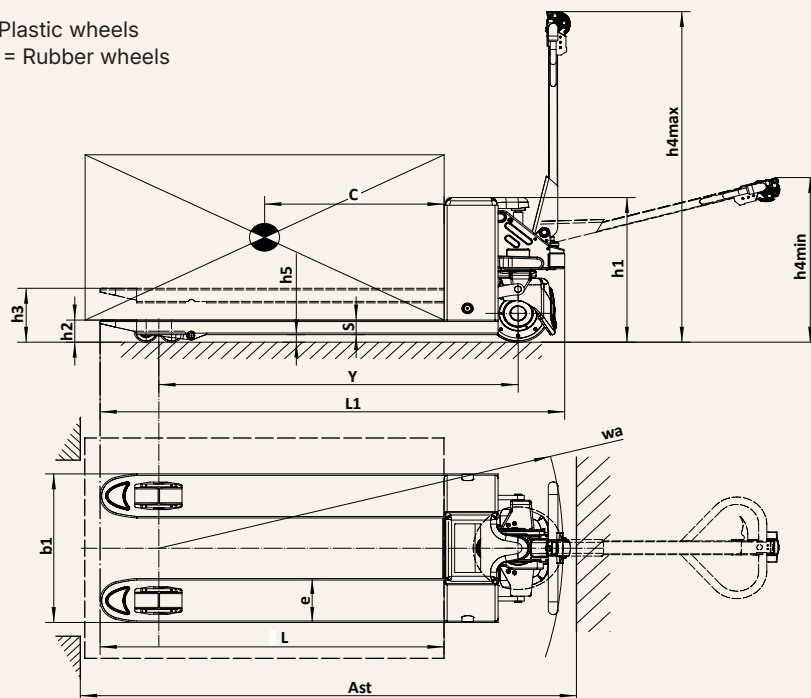
# Specifications Electric Pallet Truck - M20 / M25

## Parameters and Performance

|                                               |    |                                |                                |
|-----------------------------------------------|----|--------------------------------|--------------------------------|
| Manufacturer                                  |    | Merlinum Forklift              |                                |
| Model                                         |    | M20 SD* / M20 SDR**            | M25 SD* / M25 SDR**            |
| Art. No.                                      |    | H100: M20 SD*, H200: M20 SDR** | H300: M25 SD*, H400: M25 SDR** |
| Drive Mode                                    |    | Electric / Manual              |                                |
| Lift Mode                                     |    | Electric / Manual              |                                |
| Operator Type                                 |    | Pedestrian                     |                                |
| Load Capacity                                 | Q  | 2000 kg                        | 2500 kg                        |
| Load Center                                   | C  | 600 mm                         |                                |
| Wheelbase                                     | Y  | 1202 mm / 1272 mm              |                                |
| Service Weight                                |    | 116 / 122 kg                   | 126.7 / 130.7 kg               |
| Overall Height                                | h1 | 587 mm                         |                                |
| Fork Height (Lowered)                         | h2 | 80 mm                          |                                |
| Lift Height                                   | h3 | 200 mm                         |                                |
| Tiller Arm Height                             | h4 | 760 mm–1280 mm                 |                                |
| Ground Clearance                              | h5 | 27 mm                          |                                |
| Overall Length                                | L1 | 1546 mm                        |                                |
| Overall Width                                 | b1 | 540 mm                         |                                |
| Fork Size                                     | L  | 1150 mm                        |                                |
|                                               | S  | 52 mm                          |                                |
|                                               | e  | 160 mm                         |                                |
| Turning Radius (Min.)                         | Wa | 1352 mm                        |                                |
| Aisle Width for Pallets 1000 × 1200 Crossways |    | 1980 mm                        |                                |
| Aisle Width for Pallets 800 × 1200 Crossways  |    | 1880 mm                        |                                |
| Drive Motor                                   |    | 0.75 kW                        | 0.9 kW                         |
| Travel Speed (loaded/unloaded)                |    | 4.2 / 4.5 km/h                 |                                |
| Max. Gradeability (loaded/unloaded)           |    | 8% / 20%                       | 6% / 20%                       |
| Service Brake                                 |    | Electromagnetic                |                                |
| Lift Motor                                    |    | 0.65 kW                        |                                |
| Battery Voltage/Capacity                      |    | 48V/15Ah LFP                   | 48V/20Ah LFP                   |
| Charger                                       |    | 48V/5A                         |                                |



\* SD = Plastic wheels  
\*\*SDR = Rubber wheels







Contact us today to discuss  
how our electric pallet trucks  
can help your business  
reduce costs and achieve  
your sustainability goals.

E-mail: [info@merlinum.se](mailto:info@merlinum.se) | Phone: +46 372 78 00 70

Address: Bergvägen 5, SE-341 32 Ljungby, Sweden

[merlinumforklift.se](https://merlinumforklift.se)