

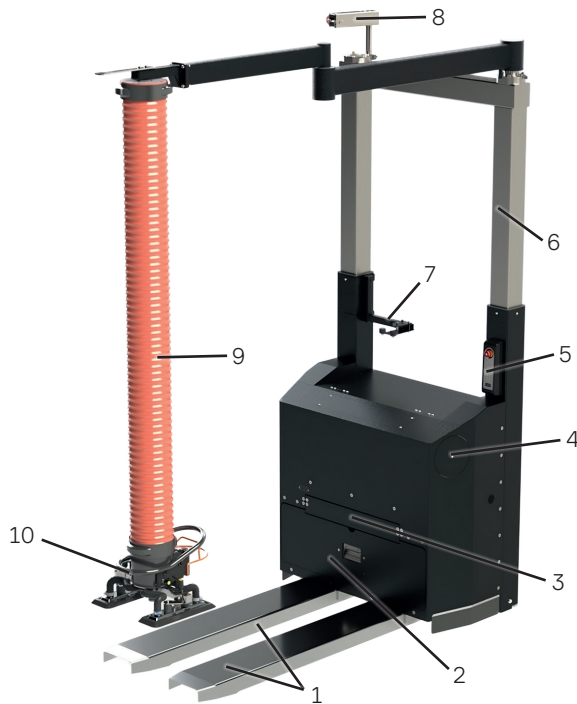
## Mobile Order Picker

The TAWI Mobile Order Picker (MOP) is a fully-mobile vacuum lifter that is compatible with any forklift. It is the ideal order picker solution when handling heavy or bulky goods, enabling one person to do what used to be a two-person job. Achieve time-efficient order picking without compromising quality or worker health and safety.



### MOP - Key Features

- Fully mobile - easily attaches to any forklift.
- Quick start-up - no downtime.
- Stand-alone unit - no installation time.
- Integrated pump and battery.
- Multiple tools for lifting anything from boxes and sacks to laminate boards.
- Lift up to 80 kg without physical effort.
- Quick change of battery pack.
- Available with Lithium battery – increased operation time and fast charging.
- Available with three different lifter types: Multifunctional Lifter, High Frequency Lifter and EasyReach Lifter.



1	Forks
2	Battery box
3	Charging hatch
4	Filter unit
5	Control panel
6	Adjustable tower
7	Vacuum lifter parking
8	Jib arm lockup
9	Vacuum lifter
10	Suction head with foot

## New Standard Versions of MOP

- MOP with Multifunctional Lifter 40/50/60/80kg
- MOP with low-built High Frequency Lifter 40/50kg
- MOP with Easy-Reach Lifter 40/50kg

## Battery Options

- Lithium or Lead/Acid batteries
- Charge time 2h (Lithium) / 8h (Lead/Acid)
- Battery capacity 405Ah (Lithium) / 360Ah (Lead/Acid)
- Continuous operation time 5.5h (Lithium) / 4h (Lead/Acid)

## Easy Setup

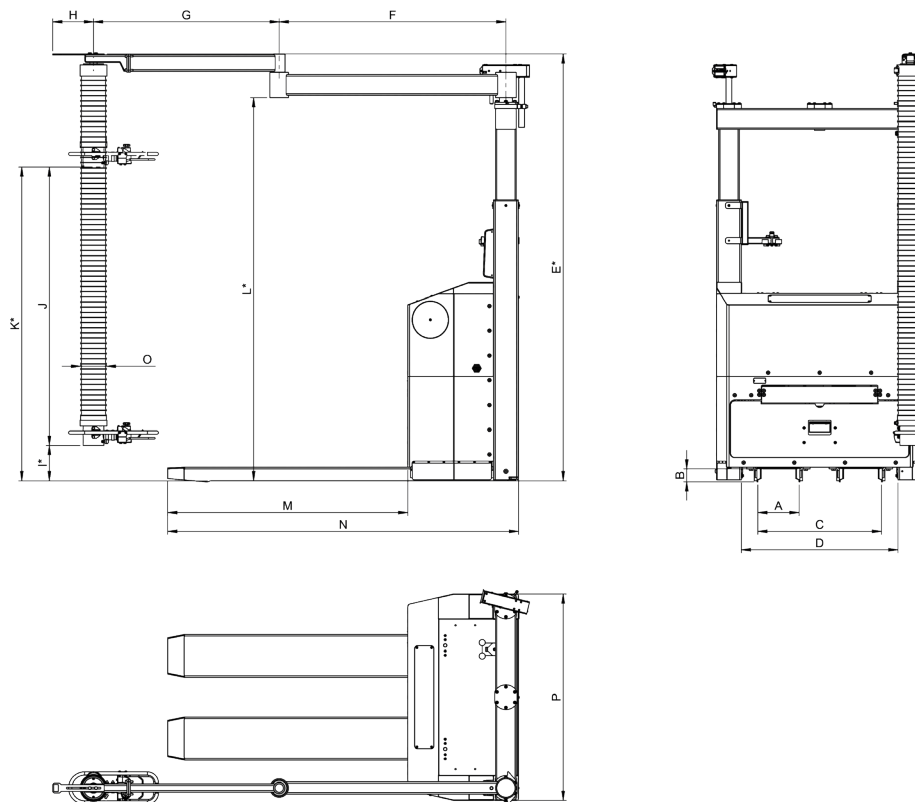
- Attach TAWI Mobile Order Picker to any pallet jack or truck.
- Drive where you need to go.
- Park the unit and activate the pump with the push of a button. Support legs are automatically lowered.
- Start loading/unloading your goods.



## MOP - Technical Specifications

Model	VM40	VM50	VM60	VM80	TPH40	TPH50	ER40	ER50
Lifting capacity [kg / lbs]	40 / 88	50 / 110	60 / 132	80 / 176	40 / 88	50 / 110	40 / 88	50 / 110
Lift tube [mm]	120	140	160	180	100	120	160	180
Stroke vacuum lifter [mm]	1350	1300	1300	1250	1540	1540	1300	1250
Stroke tower [mm]	500	500	500	500	500	500	-	-
Noise level, Idle [dB(A)]	76	76	76	76	68	68	76	76
Max lifting height [mm]*	1521	1476	1457	1398	1540	1540	1370	1370
Weight [kg / lbs]	655 / 1444	658 / 1450	658 / 1450	660 / 1460	660 / 1460	660 / 1460	700 / 1543	710 / 1565
Battery capacity Lead/Acid	360 Ah							
Battery capacity Li-Ion	405 Ah							
Input voltage Lead/Acid	200-260VAC 50-60Hz							
Input voltage Li-Ion	3x 400-480VAC +/-15% 50-60Hz							
Charge time Lead/Acid	07h50m							
Charge time Li-Ion	01h52m							
Run time Lead/Acid	04h12m	04h12m	04h12m	04h12m	06h02m	06h02m	04h12m	04h12m
Run time Li-Ion	05h38m	05h38m	05h38m	05h38m	08h32m	08h32m	05h38m	05h38m
* measured from bottom of suction head and tower in lowest position.								

# MOP with Multifunctional Lifter - Technical Drawing



## Fork Type Dimensions (mm)

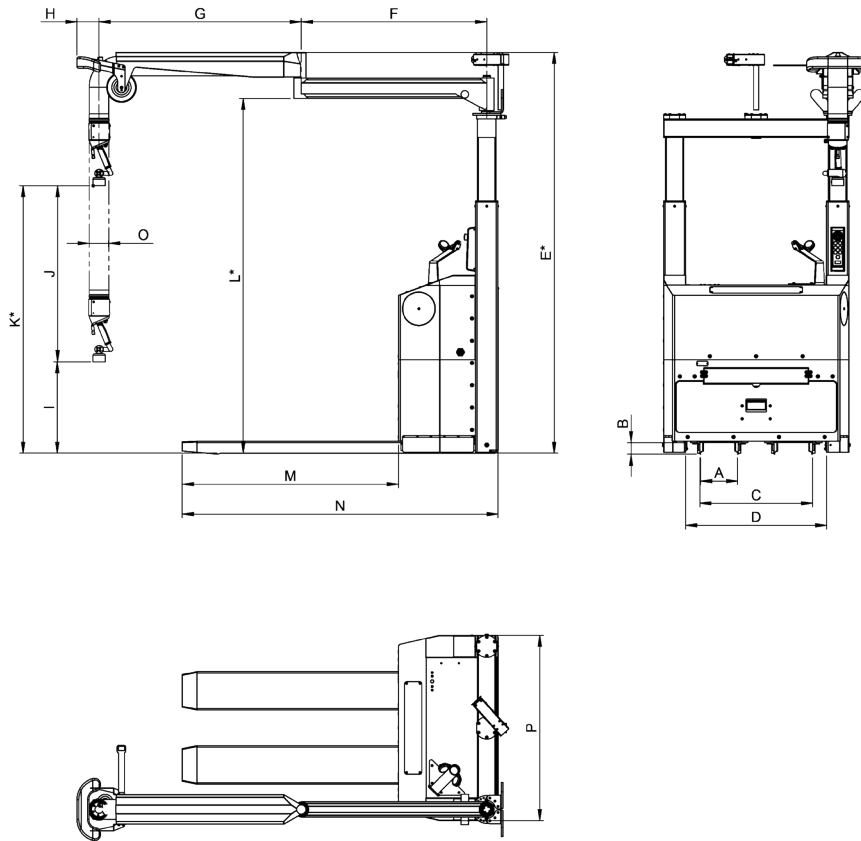
	EU	US
A	200	332
B	66	66
C	480 - 752	672 - 752
D	760	760

## Vacuum Lifter Dimensions (mm)

	VM40	VM50	VM60	VM80
E*	2069	2069	2069	2069
F	1100	1100	1100	1100
G	900	900	900	900
H	197	197	197	197
I	171	176	157	148
J	1350	1300	1300	1250
K	1521	1476	1457	1398
L	1857	1857	1857	1857
M	1165	1165	1165	1165
N	1703	1703	1703	1703
O	120	140	160	180
P	1000	1000	1000	1000

\* = +500mm when tower elevated.

# MOP with High Frequency Lifter - Technical Drawing



## Fork Type Dimensions (mm)

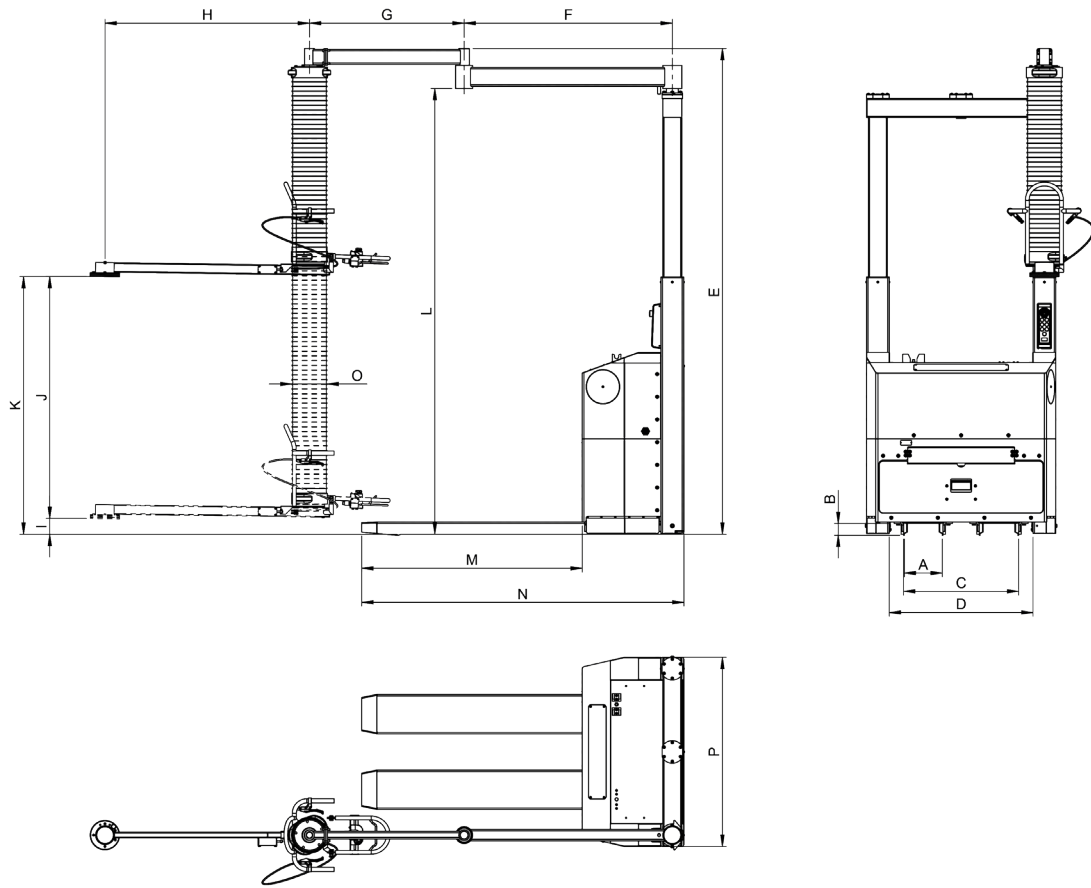
	EU	US
A	200	332
B	66	66
C	480 - 752	672 - 752
D	760	760

## Vacuum Lifter Dimensions (mm)

	TPH40	TPH50 adapter
E*	2163	2163
F	1000	1000
G	1091	1091
H	120	120
I	10	10
J	1540	1540
K*	1540	1540
L*	1914	1914
M	1165	1165
N	1703	1703
O	100	120
P	1000	1000

\* = +500mm when tower elevated.

# MOP with Easy-Reach Lifter - Technical Drawing



## Fork Type Dimensions (mm)

	EU	US
A	200	332
B	66	66
C	480 - 752	672 - 752
D	760	760

## Vacuum Lifter Dimensions (mm)

	ER40	ER50
E	2569	2569
F	1100	1100
G	900	900
H	1080	1080
I	90	90
J	1280	1280
K	1370	1370
L	2357	2357
M	1165	1165
N	1703	1703
O	180	200
P	1000	1000