



# SPECIFICATION

## MODEL P30 AND P40

### PIVOTMAST VNA

#### ELECTRIC MULTI-PURPOSE

The Landoll PivotMast electric VNA forklift, with a 90° pivoting and shifting mast maximizes cube utilization while providing front loader versatility. The PivotMast also can handle, store and transport long loads as a side loader for long load handling applications.



### FEATURES

- 3,000lb (1367kg) and 4,000lb (1,818kg) capacities
- Lift heights to 360" (9.14M)
- 60" (1.5M) stacking aisle
- 20" (508mm) mast sideshift
- 3" (76mm) fork side reach

### DRIVETRAIN

- Independently driven front wheels
- Dual front wheel hydraulic disk brakes
- Articulating rear steer axle
- Large diameter poly drive and steer tires
- Heavy duty planetary transmissions

### ELECTRICAL

- 48 volt electrical system with 12 volt accessories
- Dual transistorized traction motor controllers
- Transistorized hydraulic motor controller
- Battery discharge indicator with lift interrupt
- Provisions for RF terminals
- Large battery compartment

### ERGONOMICS & SAFETY

- Hydraulic power steering
- Comfortable seated operation with all truck controls within easy reach
- Safety dead man seat switch
- Clear view triple or quad mast
- 4 post, heavy-duty overhead guard

### ENGINEERING

- Forward and rearward mast tilt
- Heavy duty chassis design
- Front pivot via 2 taper roller bearings, with 3 year warranty on pivot/shift
- Accepts class II attachments
- Easily accessible components for low cost maintenance
- Freezer and EE options available
- Wire guidance option



**LANDOLL CORPORATION**

MATERIAL HANDLING PRODUCTS DIVISION

[WWW.LANDOLL.COM/MHP](http://WWW.LANDOLL.COM/MHP)

# PIVOTMAST P30 AND P40

## 3,000 lbs. (1,363kg) and 4,000 lbs. (1,818kg)

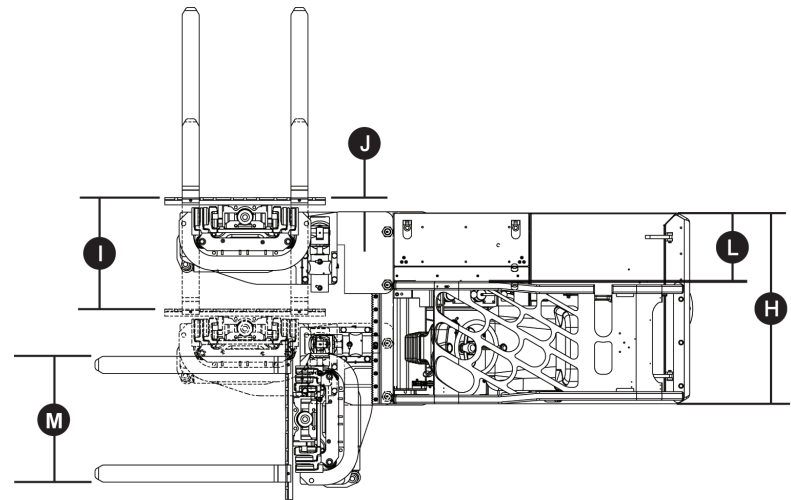
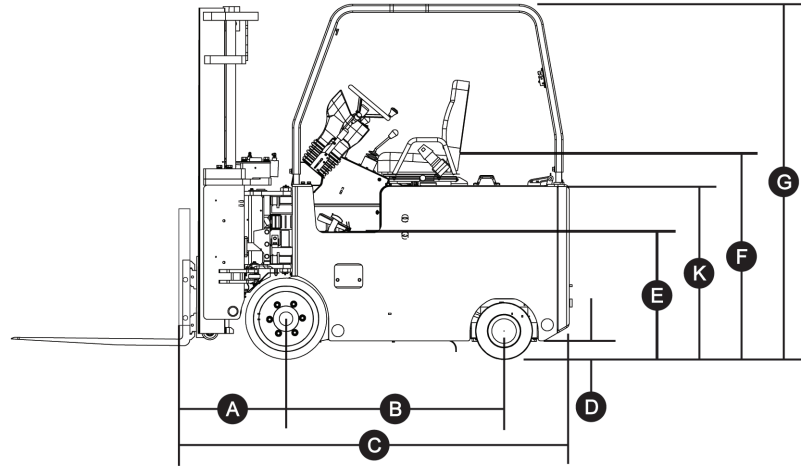
ELECTRIC MULTI-PURPOSE VNA AND SIDELOADING

PIVOTMAST FORKLIFT TRUCK

### TECHNICAL & DIMENSION DATA



Model			P30E-90D	P40E-90D
Capacity		lbs/kg	3,000/1,363	4,000/1,818
Load center		in/mm	24/600	
Power source			Battery, electric	
Weight with battery		lbs/kg	12,600/5,727	13,800/6,272
Travel speed	Loaded	mph/kph	6/9.7	
	Unloaded	mph/kph	6.5/10.5	
Lift speed	Loaded	fpm/Mm	50/15	
	Unloaded	fpm/Mm	70/21.5	
Lower speed	Loaded	fpm/Mm	90/27.5	
	Unloaded	fpm/Mm	60/18.5	
Mast tilt	Forward/Backward	deg.	3/4	
Lost load center	a w/triple mast	in/mm	25/635	
Wheelbase	b	in/mm	53.5/1,359	
Overall length to face of forks	c w/triple mast	in/mm	95/2,413	
Underclearance	d	in/mm	4.5/114	
Cab floor height	e	in/mm	31/787	
Seat height	f	in/mm	52/1,321	
Overhead guard height	g	in/mm	87/2,210	
Chassis width	h	in/mm	44.5/1,130	
Mast shift	i	in/mm	20/508	
Side reach	j	in/mm	3/76	
Side deck height	k	in/mm	42.5/1,080	
Side deck width	l	in/mm	15.5/394	
Fork carriage width	m	in/mm	37/940	
Fork length		in/mm	40/1016	
Gradeability	Loaded	%	15	
Lift motor rating		kW	9	
Steer motor rating		kW	1.5	
Drive motor rating	2 each	kW	5.5 x 2	
Wheel sizes	Front (2 each)	in/mm	20x9/508x229	
	Rear (2 each)	in/mm	14x5/356x127	
Battery recommended	electric 48 volt	kWh	35-39	
Minimum battery weight		lbs/kg	3,250/1,477	
Control type	Traction, dual		Transistorized	
	Hydraulic		Transistorized	



#### MAST DIMENSIONS 3-STAGE FULL FREE LIFT

LIFT HEIGHT		CLOSED HEIGHT		FREE LIFT		EXTENDED HEIGHT	
Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters
188	4.78	84	2.13	58	1.47	224	5.69
198	5.03	88	2.24	62	1.57	234	5.94
216	5.49	96	2.44	70	1.78	252	6.40
230	5.84	102	2.59	76	1.93	266	6.76
242	6.15	108	2.74	82	2.08	278	7.06
251	6.38	113	2.87	87	2.21	287	7.29
272	6.91	122	3.10	96	2.44	308	7.82

#### MAST DIMENSIONS 4-STAGE FULL FREE LIFT

240	6.10	84	2.13	58	1.47	276	7.01
258	6.55	90	2.29	64	1.63	294	7.47
276	7.01	96	2.44	70	1.78	312	7.92
294	7.47	102	2.59	76	1.93	330	8.38
312	7.92	108	2.74	82	2.08	348	8.84

#### AISE DIMENSIONS

LOAD DEPTH X WIDTH	MINIMUM CLEAR AISLE
40" x 48" (1,000 x 1,200mm)	56" (1,422mm)
48" x 40" (1,200 x 1,000mm)	60" (1,524mm)
MIN. CLEAR TRANSFER AISLE	144" (3,658mm)

