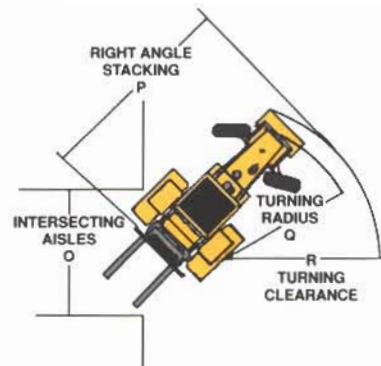
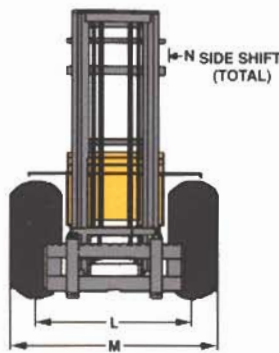


AMERICAN EAGLE
Available in 5,000 through 8,000lb. capacity in both 2 and 4 wheel drive with mast heights from 10 to 30 feet.



CAPACITY:

OPERATIONAL DATA: (APPROXIMATE)	5,000 @ 24" L.C.		6,000 @ 24" L.C.		8,000 @ 24" L.C.	
	w/ 12' Mast	w/ 21' Mast	w/ 12' Mast	w/ 21' Mast	w/ 12' Mast	w/ 21' Mast
A Overall Height Mast Extended	180	291	180	291	180	291
B Overall Height Mast Collapsed	108	123	108	123	108	123
C Overall Height Top of Overhead Guard	100	100	100	100	100	100
D Forward Tilt	40 Deg.	40 Deg.	40 Deg.	40 Deg.	40 Deg.	40 Deg.
E Rearward Tilt	10 Deg.	10 Deg.	10 Deg.	10 Deg.	10 Deg.	10 Deg.
F Length of Forks (all forks optional)	48	48	48	48	48	48
G C/L drive Axle to Face of Forks	36	37	36	37	37	38
H Wheelbase	85	85	85	85	85	85
I Underclearance (Mast)	12	12	12	12	12	12
(Drive Axle)	17	17	17	17	17	17
(Steer Axle)	11	11	11	11	11	11
J Counterweight Overhang	27	27	27	27	37	37
K Overall Length to Face of Forks	148	149	148	149	159	160
L Tread Width (Drive Tires)	68	68	68	68	68	68
M Overall Width (16.9x24 / 19.5Lx24)	85 / 87	85 / 87	85 / 87	85 / 87	85 / 87	85 / 87
N Side Shift (Total)	6	6	6	6	6	6
O Intersecting Aisles (2 W/D / 4 W/D)	138 / 143	138 / 143	138 / 143	138 / 143	140 / 144	140 / 144
P Right Angle Stacking (w/brake) (2 W/D / 4 W/D)	166 / 168	167 / 169	166 / 168	167 / 169	175 / 179	175 / 179
(w/out brake) (2 W/D / 4 W/D)	195 / 196	197 / 197	195 / 196	197 / 197	202 / 204	202 / 204
Q Turning Radius (w/brake) (2 W/D / 4 W/D)	111 / 125	111 / 125	111 / 125	111 / 125	111 / 125	111 / 125
(w/out brake) (2 W/D / 4 W/D)	152 / 159	152 / 159	152 / 159	152 / 159	152 / 159	152 / 159
R Turning Clearance (w/brake) (2 W/D / 4 W/D)	133 / 129	133 / 129	133 / 129	133 / 129	142 / 138	142 / 138
(w/out brake) (2 W/D / 4 W/D)	165 / 165	165 / 165	165 / 165	165 / 165	165 / 165	165 / 165
Weight	11,592 lbs.	13,422 lbs.	12,380 lbs.	13,767 lbs.	14,597 lbs.	16,112 lbs.

ADDITIONAL MAST DATA:

1 Overall Height at low carry (6" Off The Ground)	111	125	111	125	112	126
2 Rate of Lift (Approximate)	82 FPM	123 FPM	82 FPM	123 FPM	60 FPM	90 FPM
3 Free Lift (additional free lift optional)	0	0	0	0	0	0
4 Carriage Width (other widths optional)	60	60	60	60	60	60
5 Lateral Fork Adjustment (outside dimension)	58	58	58	58	58	58

Engine Specifications

Make	Perkins (see note 1)
No. of Cylinders	4
Displacement	243 CID
HP (max. gross)	80 @ 2200 RPM
(net) =	72 @ 2200 RPM
Max. Torque	221 lbs. ft @ 1400 RPM
Bore and Stroke	3.937 in. x 5.0 in.
Electrical	12 Volt, 700 Cold Cranking Amps @ 0 Deg. F 12 Volt, 55 Amp Std. (70 amp optional) Heavy Duty High Torque Starter Automotive Style Fuses
Cooling System	Thermostat / Anti-Freeze 18 Qt. 17-1/2" 7 blade fan
Fuel Tank	25 U.S. Gallons
Fuel Filter	Dual / paper element / water separator Tank Strainer
Oil Filter	Full Flow 1 qt. Capacity
Air Cleaner	Dual Element Dry Type (with pre-cleaner)
Exhaust System	Vertical Exhaust For Noise Reduction

Travel Speeds (approximate)

with 19.5L x 24 tires	1st 4.8	2nd 7.7	3rd 16.2	4th 26.4
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General Specifications:

- Perkins 1004-42 Series, 4.2 litre 4 cylinder diesel.
 - Synchromesh Power Shuttle Transmission with Torque Converter. Independent high capacity oil cooler.
 - Foot operated, hydraulic actuated wet disc brake sealed in oil (246 sq. in. total braking area). Brakes operate individually or simultaneously. The park brake is lever operated with a disc-type caliper.
 - 19.5L x 24 10PR Industrial lug drive tires (R4) and 11L x 16 8PR Laborer tread tires for 2 W/D Machine.
 - 19.5L x 24 10 PR industrial lug drive tires (R4) and 10.5/80x18 aggressive tread steer tires for 4 W/D machine. (14 x 17.5 aggressive tread optional)
 - Heavy duty drive axle consists of double reduction matched pinion and bevel gear with outboard planetary gear with final reduction.
 - Hydrostatic power steering with 2 double acting steer cylinders on 2 wheel drive machines. 4 Wheel drive machines have 1 larger double acting cylinder.
 - Mast Side Shift (shifts entire mast, carriage, forks and load 3" in either direction).
 - HYDRAULICS: 30.5 GPM Capacity @ 2200 PSI @ 2200 RPM Crankshaft driven gear type 2 stage pump, 3 spool control valve, Pre-set relief valve, Two mast cylinders, Two mast tilt cylinders, and One mast side shift cylinder.
 - Forklift meets or exceeds ANSI B56.6-1998 design criteria.
 - Industrial type seat adjustable forward and rearward. (w/seat belt and drain slot)
 - Instruments include gauges for water temperature, oil pressure, fuel level, volt meter, air filter restriction, and park brake warning light. The hour meter is located in the engine compartment and all units are equipped with a back-up alarm.
- Optional warning lights include oil pressure, water temp., and hydraulic oil restriction.
- NOTE:** Our policy of continual engineering research and improvement makes it necessary that we reserve the right to make changes in designs, specifications, components without advanced notice.
- NOTE 2:** This engine meets all 1998 EPA off highway emissions regulations until 2004.

**Master Craft
Industrial Equipment Corp.**

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