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CRAYLER TRUCK-MOUNTED FORKLIFTS

PALFINGER CRAYLER

CR 45
CR 50
CR 50 PALREACH
CR 55
CR 55 4-WAY
CR 65

BUILT-IN VERSATILITY AND PORTABILITY

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CRAYLER – THE NEXT GENERATION OF TRUCK-MOUNTED FORKLIFTS

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PALFINGER CRAYLER

CRAYLER Forklifts: Designed to Be Better... Built to PALFINGER Standards!

Behind every CRAYLER feature is PALFINGER'S dedicated, respected pool of specialists – crane engineers, forklift engineers, tailgate engineers – the best minds in the business, worldwide.

In designing the CRAYLER CR 45, CR 50 & CR 55 and CR 65 PALFINGER engineers started from the ground up – to build a better, next generation truck-mounted forklift. They took proven advantages to new levels of safety, performance and service... with features that set CRAYLER apart. The result is a unit offering the speed, power, lift capacity and maneuverability you need to deliver brick, block, lumber and wallboard over rugged terrain, through crowded work sites, into tight spaces, on tight schedules – with ease and reliability... in fewer trips.

The unit can be mounted and dismounted in less than a minute to efficiently deliver materials when and where needed.

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FEATURES & BENEFITS

Center seat positioning (vs side seat) gives the operator easier on-and-off access, a more stable feel, and much better view for judging load centers or mounting the truck. Controls are in front, and foot area is large with plenty of legroom.

Synchronized 3-wheel drive – all three tires the same size and rotation speed – means less wheel spin, improved climbing and rough terrain capabilities. Twin-lock wheel motors deliver more power to the ground. No need to rev-up!

Width & frame opening:
98″ (wide) using 31″x15.5″ tires, 59″ frame opening
(All models except CR 45 – see specifications)

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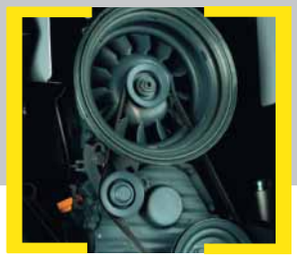
Shortest truck-mount overhang per model in the industry – making it easier, safer to transport. Light weight (plus a center of gravity moved closer to the truck axle) puts less stress on the truck or trailer, and allows more payload.



Air cooled 4, cylinder DEUTZ 64 HP Diesel Engine (All models except CR 45 – see specifications):

- The most powerful on the market
- Highly fuel efficient
- Engine temperature is controlled for optimum performance
- Built-in preheater ensures easy starts in winter

The 3-pump hydraulic drive system (All models except CR 45 – see specifications) allows wheels, mast and steering to operate independently – enabling the CRAYLER to power itself out of deep mud or sand... without stalling! A hydraulic oil cooler extends the life of oil seals – ensuring long operating service without losing performance.

Steering system allows 180° wheel turn. It can circle in its own 'shorter' radius – for unrivaled operating flexibility in tight spaces. The hydraulic controls are amazingly fast and smooth!

Hydraulic oil cooler extends the life of oil seals. Operates longer without losing performance. (All models except CR 45 – see specifications)

In transit, **forward wheel mount support pads** take pressure off the forks – minimizing bounce, for a smoother ride. And all hydraulic pressure is released – so the mast and hydraulics bear no weight.

Controls are in front of the operator and the foot area is large with plenty of legroom.

Large stabilizer pads that lower straight down (vs at an angle) give a more stable footing and allow the CRAYLER to move-in closer for the lift. Actually operates wheel-to-wheel with the truck – to load and unload materials! The cylinders retract into the frame – don't get caught-up on curbs or rough terrain.

Heavy-duty construction, matched componentry and excellent ground clearance ensure high performance and long life. PALFINGER CRAYLER'S vast dealer network ensures great local service.

Heavy Duty, Integrated Components...
The main frame (welded, high-tensile steel channel section) is part of the operator station and integrated with the roll cage. Bolt-in carriage bearings are easy to replace and eliminate vibration. Attached wider-diameter bronze wear pads ensure parallel travel, minimize wear on channel sections, and eliminate undesirable angular loads on cylinders, bearings and pins. The integrated side-shift is independent from tilt, so forks remain level at all times.

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CRAYLER CR 45

Truck-mount overhang of 52"

3 cylinder 47 HP diesel engine

2 pump hydraulic system

Crayler CR 45 is the entry level for PALFINGER'S Truck Mounted Forklifts. Most of the specifications are the same as the CR 50 & 55 except for a few features; The 47 HP 3 cylinder diesel engine, a 2 pump hydraulic system and the truck-mount overhang of 52".

Capacity at 24" (600 mm) Load Center	4500 lbs (2041 kg)	
Lift Height	120" (3050 mm)	143" (3650 mm)
Diesel Engine	47HP (35.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7.5 mph (12 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	69.7" (1770 mm)	
Dead weight (Dry Weight, Without Forks)	4630 lbs (2100 kg)	4762 lbs (2160 kg)
Working Pressure	2755 psi (190 bar)	
Overhang on the Vehicle	52" (1320 mm)	
Tire Dimension Front/Back	26"x12"x12"	
Tire width Front/Back	12" (305 mm)	
Tire Outside Diameter Front/back	26" (660 mm)	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

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CRAYLER CR 50

Capacity at 24″ (600 mm) Load Center	5000 lbs (2270 kg)	
Lift Height	122″ (3100 mm)	146″ (3700 mm)
Diesel Engine	64HP (47.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7.5 mph (12 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	77.5″ (1970 mm)	
Dead weight (Dry Weight, Without Forks)	5157 lbs (2340 kg)	5333 lbs (2420 kg)
Working Pressure	2755 psi (190 bar)	
Overhang on the Vehicle	53″ (1350 mm)	
Tire Dimension Front/Back	31″x15.5″x15″	
Tire width Front/Back	15″ (381 mm)	
Tire Outside Diameter Front/back	31″ (787.4 mm)	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

The CR 50 truck-mounted forklift has the shortest overhang (53") in its class.

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CRAYLER CR 55

Capacity at 24″ (600 mm) Load Center	5500 lbs (2500 kg)	
Lift Height	122″ (3100 mm)	146″ (3700 mm)
Diesel Engine	64HP (47.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7.5 mph (12 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	77.5″ (1970 mm)	
Dead weight (Dry Weight, Without Forks)	5430 lbs (2463 kg)	5606 lbs (2543 kg)
Working Pressure	2900 psi (200 bar)	
Overhang on the Vehicle	53″ (1350 mm)	
Tire Dimension Front/Back	31″x15.5″x15″	
Tire width Front/Back	15″ (381 mm)	
Tire Outside Diameter Front/back	31″ (787.4 mm)	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

Air cooled, 4 cylinder DEUTZ 64 HP Diesel Engine:

- **The most powerful on the market**
- **Highly fuel efficient**
- **Engine temperature is controlled for optimum performance**
- **Built-in preheater ensures easy starts in winter**

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CRAYLER CR 50 PALREACH

Capacity at 24″ (600 mm) Load Center	5000 lbs (2270 kg)	
Lift Height	122″ (3100 mm)	146″ (3700 mm)
Diesel Engine	64HP (47.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7.5 mph (12 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	77.5″ (1970 mm)	
Dead weight (Dry Weight, Without Forks)	6393 lbs (2900 kg)	6636 lbs (3010 kg)
Working Pressure	3045 psi (210 bar)	
Overhang on the Vehicle	59″ (1495 mm)	
Tire Dimension Front/Back	31″x15.5″x15″	
Tire width Front/Back	15″ (381 mm)	
Tire Outside Diameter Front/back	31″ (787.4 mm)	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

PALFINGER CRAYLER introduces new flexibility in truck mounted forklift technology. The CR 50 PALREACH has all the standard features of the CR 55 with the added ability to extend 45″ across the truck bed.

- **Ideal for loading/unloading on tight job sites – no need to move truck**
- **Handles cubed loads, lumber drywall and other building materials**

The CR 50 PALREACH unit will reach 45″ across the bed

Lift capacity is 5000 lbs. at 24″ load center

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CRAYLER CR 55 4-WAY

Capacity at 24″ (600 mm) Load Center	5500 lbs (2500 kg)	
Lift Height	122″ (3100 mm)	146″ (3700 mm)
Diesel Engine	64HP (47.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7 mph (11.2 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	80″ (2032 mm)	
Minimum Turning Radius	Inside 74.02″ (1880 mm)	Outside 98.43″ (2500 mm)
Dead weight (Dry Weight, Without Forks)	5654 lbs (2570 kg)	5830 lbs (2650 kg)
Working Pressure	2973 psi (205 bar)	
Overhang on the Vehicle	57″ (1450 mm)	
Tire Dimension Front Tire Dimension Back	10″x16.5″ 31″x15.5″x15″	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

Hydraulic lumber support arm package.

4-way mode enabled via hydraulic lever.

No counterweights on tires.

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CRAYLER CR 65

The CRAYLER CR 65 provides the greatest lift capacity of all the CRAYLER forklifts. Equipped with the same features of the CR 50-55 truck-mounted lifts including the air cooled 64 HP diesel engine and 3-pump hydraulic drive, the CR 65 has added features allowing it to handle loads up to 6,500 lbs. These features include a 10" longer wheelbase, no counter balance and a load mast rated for 6,500 lbs. These features allow material handling suppliers a high capacity machine with a lighter deadweight.

Capacity at 24″ (600 mm) Load Center	6500 lbs (2955 kg)	
Lift Height	122″ (3100 mm)	146″ (3700 mm)
Diesel Engine	64HP (47.8kW)	
Rated Speed	2800 rpm (2800 u/min)	
Lighting System for Transport (Truck)	12V	
Electronic System (Forklift)	12V (74Ah)	
Driven Wheels	3	
Steering	Hydrostatic	
Max. Speed	7.5 mph (12 km/h)	
Theoretical Gradability	30%	
Turning Circle Diameter Wall to Wall	81.5″ (2070 mm)	
Dead weight (Dry Weight, Without Forks)	5730 lbs (2605 kg)	5905 lbs (2685 kg)
Working Pressure	3045 psi (210 bar)	
Overhang on the Vehicle	58.7″ (1492 mm)	
Tire Dimension Front/Back	31″x15.5″x15″	
Tire width Front/Back	15″ (381 mm)	
Tire Outside Diameter Front/back	31″ (787.4 mm)	
Tank Volumes (Diesel)	10.6 U.S. gal (40 litre)	

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PALFINGER: A WORLD LEADER IN THE DESIGN AND MANUFACTURING OF MATERIAL HANDLING PRODUCTS WORLDWIDE

PALFINGER is a world leader in the design and manufacturing of industrial material handling products. Our dedicated engineers are specialists in Crane, Forklift and Hooklift applications and design.

PALFINGER TRUCK MOUNTED KNUCKLE-BOOM CRANES:

PALFINGER, a world leading manufacturer of truck-mounted cranes, offers over 30 different models with lifting capacities ranging from 8,680 ft.lbs. (1.2 mt) to 844,940 ft.lbs. (116.8 mt). Cranes ranging from 29,490 ft.lbs. (4.1 mt) to 219,860 ft.lbs. (30.4 mt) are assembled on-site at the Niagara Falls facility.

CRAYLER TRUCK MOUNTED FORKLIFTS:

With lifting capacities ranging from 4,500 to 6,500 lbs., the PALFINGER CRAYLER forklift offers exceptional power, speed and the maneuverability needed to deliver brick, block, lumber, wallboard and other materials to the worksite.

PALIFT HOOKLIFT SYSTEM:

The PALFINGER Hooklift System is a unique system that replaces the traditional cable hoist. With over 15 different models and lifting capacities ranging from 9,000 to 68,000 lbs., the PALIFT provides a less expensive and safer alternative in the handling of solid and liquid waste, scrap metal, building refuse and recycling.

PALFINGER SERVICE CRANES:

PALFINGER Service Cranes provide more power and greater reach to tackle the demands of the repair and maintenance industry. With lifting capacities ranging from 10,680 ft. lbs. to 35,820 ft. lbs., PALFINGER proudly brings to Service Cranes some of the features that made us a world leader in knuckle-boom cranes.

PALFINGER

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Printed in Canada