

# 180 280

4-Wheel Steer Manoeuvrability.  
Power to Spare Inside Compact Dimensions.  
One-Piece Chassis for Superior Stability.

## Kramer Wheel Loaders 180/280



**kramer**ALLRAD®

# Outstanding Performance and Style.

The New 180/280 Wheel Loaders from Kramer.

## Intelligent Loader Unit.

High tear out and break out forces means the Kramer Wheel Loader is always on top of the job. Z-linkage, with optimised parallel lift, ensures pallets remain horizontal throughout the lift range, without the need to readjust the forks.

## Business Class Comfort.

Quality interior environment for the operator: Effective vibration damping, plus excellent all-round visibility from the cab. The standard fit cab is a removable cab and the reduced machine height allows entry into areas previously inaccessible.

## Hydraulic Quick Hitch.

Allows implements to be changed quickly and easily without leaving the comfort of the driver's seat. Transforms the Kramer Wheel Loader into a multipurpose tool for an infinite range of demanding jobs.

## Manoeuvrable and Compact.

The compact dimensions of the single-piece boom enable clear forward visibility and provide space to achieve steering angles of  $2 \times 40^\circ$ ... resulting in the renowned manoeuvrability of Kramer machines. Unlike skid-steers, the tyres are gentle on soft ground or turf. Kramer Wheel Loaders are renowned for their unmatched manoeuvrability and the 180/280 are no exception, offering a tight turning radius.

## Easy Access from Either Side.

The rigid one-piece chassis and ergonomically placed grab handles, make entry to the cab safe and easy.



**Powerful Hydrostatic Drive.**

The loader's drive automatically adapts to the lift and tear out forces required for smooth and fast work cycles.

This allows the operator to focus on the job, while the intelligent drive technology and work hydraulics take care of everything else!



The 45% self-locking differentials in both axles tackle difficult terrain with ease, while the hydrostatic drive also provides effective braking.

**New Generation Cab.**

Removable, high-tech command post with all around visibility.

Unprecedented comfort: safe foot steps, tinted glazing prevents overheating in the cab, superb all-round visibility, seat adjustable for height, weight and forward/reverse travel suits operators of all sizes. Ergonomic controls. Pilot-control work hydraulics. Removable cab.

**Maintenance, Service and Engine.**

All maintenance and service points are fully accessible, and all components easy to find. Long service intervals, in some cases up to once a year. For example, engine oil change extended to 500 hours. Diesel engine meets current emissions regulations 97/98 EC (standard level 2).

**Pilot-Control Work Hydraulics.**

This 0,3 – 0,5m<sup>3</sup> wheel loader comes with trail blazing pilot-controlled work hydraulics and allows for precise handling of hydraulic forces with minimum effort. Whether the machine is moving earth, pallets or other material, the comfortable joystick operation gets the job done with ease and efficiency.





### Transport on a 2.5 Tonne Trailer.

With its lightweight and compact design, moving the Kramer Wheel Loader 180 between jobs sites is easy and cost effective.

### Application: Garden Centres & Horticulture.

The hydraulic quick hitch changes implements in seconds, making the machine a flexible multipurpose tool.

### Application: Easily Lifted by Crane.

Standard fit eyehooks on the 180 enable safe and easy lowering into construction pits or ship holds.



### Application: Underground Car Parks.

The low overall height and tight turning radius make the 180 ideally suited to working in the restricted confines of underground car parks.

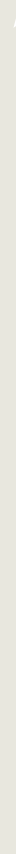
### Application: Loading Trucks.

The Kramer Wheel Loader 180 sets the standards in compact design and high load-over heights. All-round visibility is a further asset for loading trucks.

### Application: Low and Narrow Access.

The 180's compact dimensions allow it to reach jobs with low or narrow access, with or without the cab fitted.

# 280



**Application: Building Material Pallets.**

Even movements of heavy pallets is possible with a powerful workhorse like the Kramer 280.

**Application: Loading Trucks with the Bucket.**

The high load-over height enables easy loading of high-sided trucks from one side.

**Application: Transport on 7.5 Tonne Truck.**

Transporting the 280 on a 7.5 t truck reduces transport costs and increases flexibility when moving between job sites.



**Application: Loading and Unloading Pallets from Trucks.**

The reach of the 280's loader unit compares well with larger loaders and enables pallets to be unloaded from one side of the truck.

**Option: Canopy.**

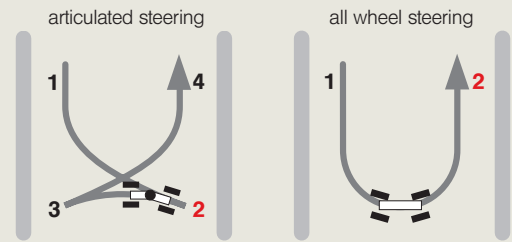
A canopy can be specified in lieu of the cab, for working indoors or in warm weather. The canopy does not compromise safety and is ROPS tested.



## 4-Wheel Manoeuvrability.

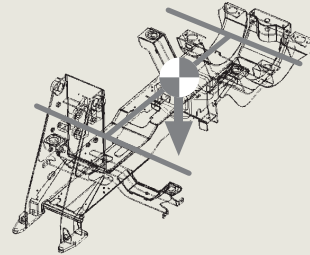
High steering angles and tight turning circles are the foundation of Kramer's class leading manoeuvrability.

Tight corners can be turned in one movement, without the need for 3 point turns.



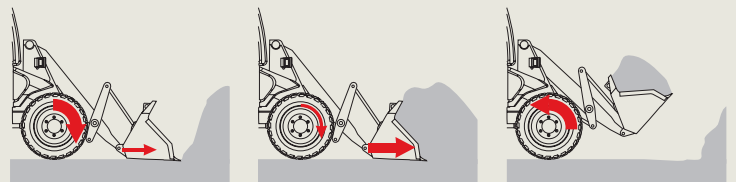
## Stability.

The stability of the rigid one-piece chassis remains constant throughout the turning circle improving safety and performance.



## Power to Spare.

Kramer offers an intelligent combination of speed and pushing power. Once the loader drives into a heap of material, speed is reduced and pushing power increased, or vice versa. All performed automatically, with no need for changing gears.



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