

CRAYLER

NSN 3930-41-001-2748

PALFINGER

THE REMOTE CONTROLLED AND AIR TRANSPORTABLE FIELD LOADER



CRAYLER

MISSION APPROVED

The PALFINGER CRAYLER has been developed and approved by military specialists of leading NATO allied forces. It has proven itself in theaters like ISAF and EUTM Mali. With hydrostatic all-wheel drive and the three-dimensional joint steering it is able to operate effectively even in rough terrain and in confined areas.

- The CRAYLER is easily operated by remote control
- Separation of man from machine provides a complete controlled overview and enables operation in dangerous environment without putting the operator at risk
- Its superior weight-to-lift ratio and compact size saves space and payload from the very first phase of deployment
- From landing, to staging and through onward movement and integration, manpower is saved from the first minute
- The CRAYLER forklift from PALFINGER was the first and leads the way in military equipment of this kind





CRAYLER MULTIFUNCTIONAL TOOL

The PALFINGER CRAYLER offers a unique range of possibilities in military logistics. Besides the wide field of lifting applications, the CRAYLER can be adapted with a towing device for helicopters and trailers.

- Equipped with a remote camera system and a three-dimensional grab system (capacity 300 kg), the versatility of the CRAYLER is further expanded
- The grab system is used in the removal of hazardous materials or as a tool within the field repair (wheel change)
- The fully proportional remote control system with a working range up to 300 m, provides extra safety for the soldier when operating out of a camouflaged position or protected vehicle



TRANSPORT

With the compact dimensions of its transport position, the PALFINGER CRAYLER requires limited load space. Due to the four-wheel concept, only two ramps are needed for self-loading to trucks or trailers.

- The stackable transport/storage box provides maximum utilization of cargo space. The customized transport box solution provides storage for personal equipment as well as for the CRAYLER
- A specially designed trailer, complete with intelligent voltage management, NATO crank and interchangeable towing connection increases the CRAYLER's versatility
- Multiple towing vehicles can be utilized
- CRAYLER and TRAYLER are certified for air and rail transport



- Compact dimensions in transport position
- Low center of gravity
- Transport/storage box concept for ISO container or HCU
- Air transportable trailer concept
- Tie down lashing points for road/rail/sea and air transport
- Transport without preparation



AIR MOBILITY

The PALFINGER CRAYLER air mobile unit - certified for air transport - provides an even more decisive and logistics advantage to rapid deployable and airborne units.

- Whether underslung beneath light utility helicopters (NH90, Blackhawk, Mi8,...) or as cargo inside medium transport helicopters (CH53, CH 47,...), the compact dimensions and light weight design make the CRAYLER the most capable all-terrain field loader to be brought to any operational area with vertical deployment
- Military cargo airplanes like C27, C235, C295, C130, C160 or A400M bring the CRAYLER with their first supply operation so the crucial burden of maneuvering material handling equipment is eliminated
- The CRAYLER can serve highly mobile combat elements with greater efficiency in theater logistics

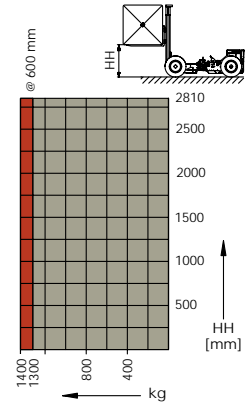




FACTS

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Capacity	1,300 kg @ 600 mm
Side shift	+/- 150 mm
Radio Remote Control	up to 300 m
Drive system	4x4 all-wheel-drive
Fuel	Diesel/F63
Lifting height	2,810 mm
Dead weight (incl. forks)	2,200 kg
Length	2,530 mm
Width	1,820 mm
Height (in transport position)	965 mm



- Average fuel consumption 4 l/h
- Single fuel capable
- ADR certified
- EMC/EMI approved
- Free lift mast system



CRAYLER

EASY TO DEPLOY

SAFE

FLEXIBLE

EASY TO OPERATE

TOUGH

MISSION APPROVED



CRAYLER APPLICATIONS





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