

KNAPHEIDE®

SINCE 1848



RAM
MECHANICS TRUCKS



KNAPHEIDE CONCRETE BODIES



Knapheide Mechanics Trucks come equipped with standard features to help you get the job done. With secure side compartments and an oversized cargo space, you can carry everything you need.

Choose a Knapheide Mechanics Truck for the durability and functionality that stands above the rest.

AKMT1 & KMT1 MODELS

The Knapheide KMT1 is purpose-built with heavy duty technicians and mechanics in mind. These bodies are built for crane load capacities of up to 8,600 lb. Knapheide KMT1 Mechanics Trucks are compatible with Class 5 trucks.

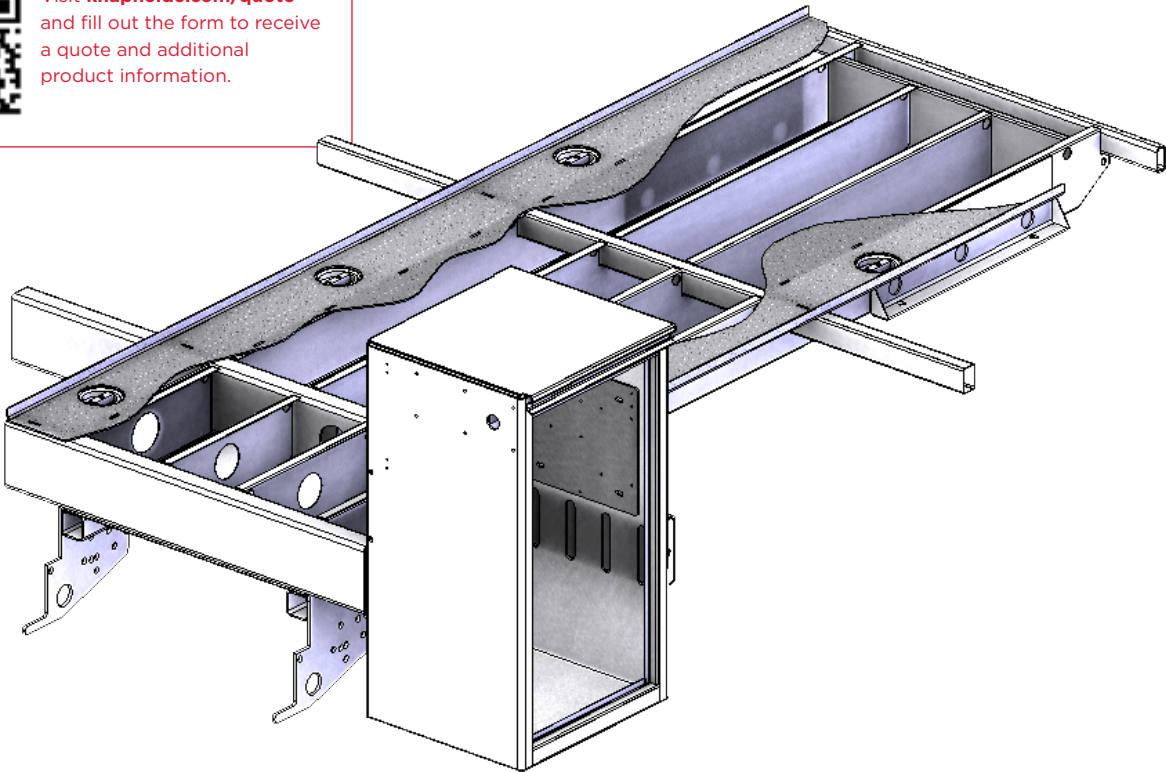
AKMS16, KMS16 & KMS30 MODELS

Knapheide AKMS16 and KMS16 trucks are equipped with an electric crane, while KMS30 trucks have the option of either an electric or hydraulic crane for lifting applications. Both are compatible with Class 3-5 trucks.

REQUEST A QUOTE



Visit [knapheide.com/quote](https://www.knapheide.com/quote) and fill out the form to receive a quote and additional product information.



CRANE BODY UNDERSTRUCTURE

Unique torq-isolator crane support system transfers lift forces into the full length torsion box subframe and outriggers, and not the side compartments.

Reinforced rear vertical curb side compartment is independent of all other side compartments, eliminating flexing and twisting of side packs.

**Applies to all models with exception of the steel KMS16*

POPULAR VOCATIONS



HEAVY
CONSTRUCTION



AGRICULTURE



PREVENTATIVE
MAINTENANCE



OIL/MINING/GAS

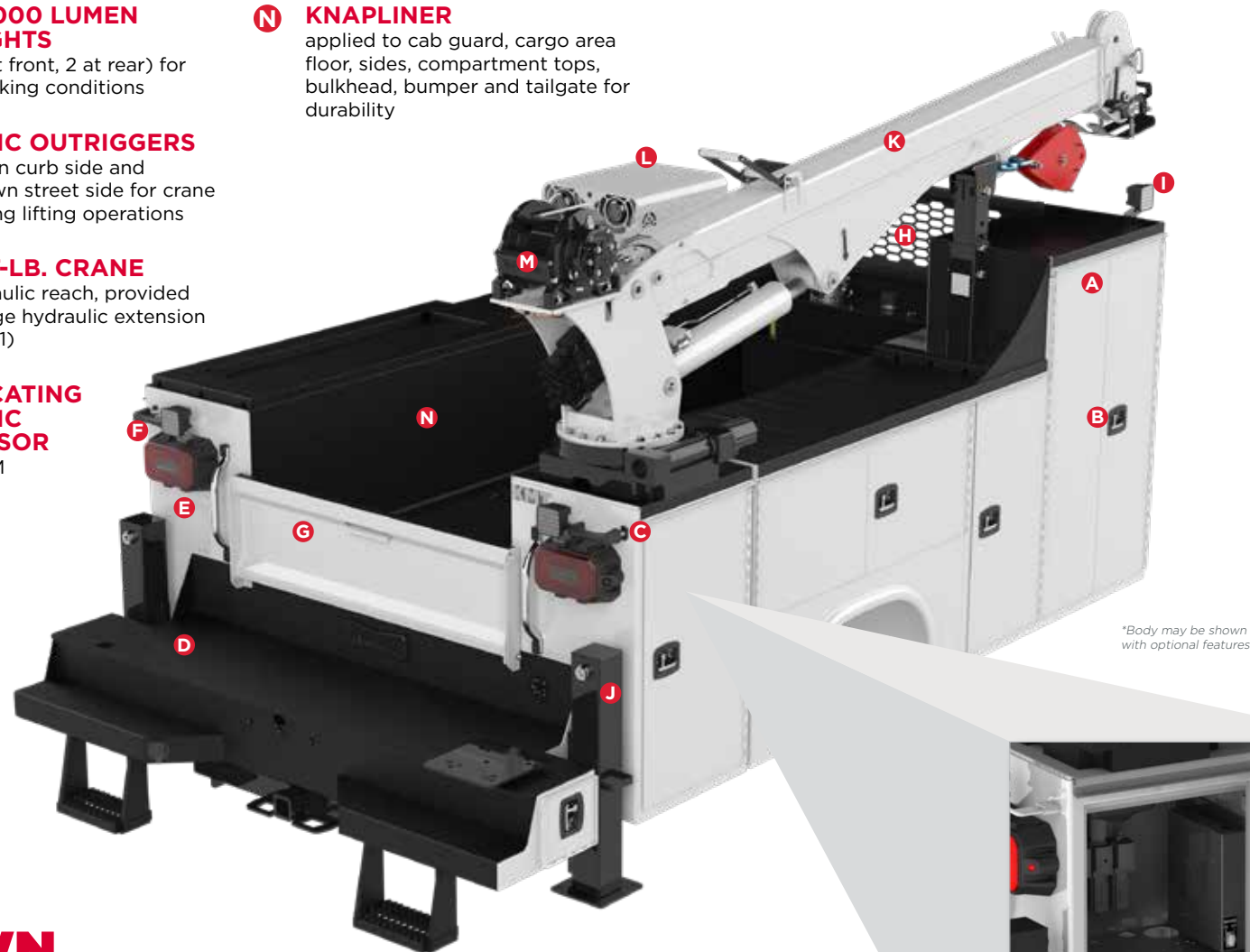
To learn more visit www.knapheide.com

KMT1 PRODUCT FEATURES

- A DOUBLE PANELED DOORS**
made of galvanneal steel are reinforced with internal braces for durability
 - B 3-POINT T-HANDLE LATCHES**
ensure your compartment doors stay closed and are individually lockable
 - C MASTER LOCKING SYSTEM**
locks down all compartments on one side with one motion
 - D KNAPLINER BUMPER**
provides work surface with lockable through compartment, a vise plate, and two grip strut flex steps
 - E HEAVY DUTY ALUMINUM GRAB HANDLES**
installed on both sides at rear of the body for easy cargo area access
 - F INTEGRATED LED S/T/T AND B/U, LED STROBES**
with (8) selectable patterns and built-in reflectivity mounted to external rear light boxes made of UV-resistant ABS material
 - G 16" HIGH DOUBLE PANEL SLAM TAILGATE**
with center latch and flat space for displaying company graphics
 - H CAB PROTECTOR**
welded on with fully punched window for visibility
 - I (4) LED 3000 LUMEN WORK LIGHTS**
installed (2 at front, 2 at rear) for low-light working conditions
 - J HYDRAULIC OUTRIGGERS**
out-and-down curb side and hydraulic down street side for crane stability during lifting operations
 - K 55,000 FT-LB. CRANE**
with 21' hydraulic reach, provided by a two-stage hydraulic extension (AKMT1, KMT1)
 - L RECIPROCATING HYDRAULIC COMPRESSOR**
up to 40 CFM

- M PLANETARY WINCH**
provides a 60 ft. per minute single line speed
- N KNAPLINER**
applied to cab guard, cargo area floor, sides, compartment tops, bulkhead, bumper and tailgate for durability

- H** **CAB PROTECTOR**
welded on with fully punched window for visibility
 - I** **(4) LED 3000 LUMEN WORK LIGHTS**
installed (2 at front, 2 at rear) for low-light working conditions
 - J** **HYDRAULIC OUTRIGGERS**
out-and-down curb side and hydraulic down street side for crane stability during lifting operations
 - K** **55,000 FT-LB. CRANE**
with 21' hydraulic reach, provided by a two-stage hydraulic extension (AKMT1, KMT1)
 - L** **RECIPROCATING HYDRAULIC COMPRESSOR**
up to 40 CFM
- 



FEATURES NOT SHOWN

- SMALL PART STORAGE CONTAINERS**
in horizontal compartment on street side
- ALUMINUM MECHANIC 7-DRAWER SET**
Extreme duty aluminum mechanic 7-drawer set on street side
- 3/16" TREAD PLATE FLOOR**
provides traction for safety

- ELECTRODEPOSITION PRIME-PAINT SYSTEM**
provides superior corrosion resistance
- MULTI-FUNCTION RADIO REMOTE CONTROL**
provides convenient complete control of the crane
- 12-GAUGE GALVANNEAL STEEL**
Compartment bottoms and end panels

- (6) D-RING CARGO TIE DOWNS**
each D-ring provides a 2,000
lb. working load capacity
- KNAPHEIDE'S WATER-
BASED UNDERCOAT**
Bodies are fully protected with
Knapheide's water-based undercoat

COMPARTMENT FEATURES



**DOUBLE-SPRING
OVER-CENTER RETAINER**
on vertical compartment doors
eliminate involuntary swing



NEOPRENE DOOR SEALS
protect compartments from the weather



ADJUSTABLE DIVIDER SHELVES
250-lb. capacity



**CONTINUOUS STAINLESS
STEEL HINGES**
are pry-proof and corrosion-resistant

CRANE COMPARTMENT



**50' X 1/2" COMPRESSOR HOSE
REEL AND ROLLER FAIRLEAD**
through curb side vertical compartment



POLYETHYLENE FORMED DRIP PAN WITH DRAIN HOSE
placed under the crane manages water intrusion through the crane pedestal



KNAPHEIDE CONTROLLER

10 output system features two displays for user interface points of control. CAN bus system with continuous working load of 115 amps features built-in overload current protection for system and operator safety.

KMS PRODUCT FEATURES

A CRANE COMPARTMENT
KMS16: crane reinforcement kit (CRK)
KMS30: isolated crane pedestal

B DOUBLE PANELED DOORS
made of galvanized steel are reinforced with internal braces for durability

C 3-POINT T-HANDLE LATCHES
ensure your compartment doors stay closed and are individually lockable

D MASTER LOCKING SYSTEM
locks down all compartments on one side with one motion

E KNAPLINER BUMPER
provides versatile work space on a flat surface

F INTEGRATED LED S/T/T AND B/U, LED STROBES
with (8) selectable patterns and built-in reflectivity mounted to external rear light boxes made of UV-resistant ABS material

G DOUBLE PANEL SLAM TAILGATE
with center latch and flat space for displaying company graphics

H CAB PROTECTOR
welded on with fully punched window for visibility

I (4) LED 3000 LUMEN WORK LIGHTS
installed for low-light working conditions

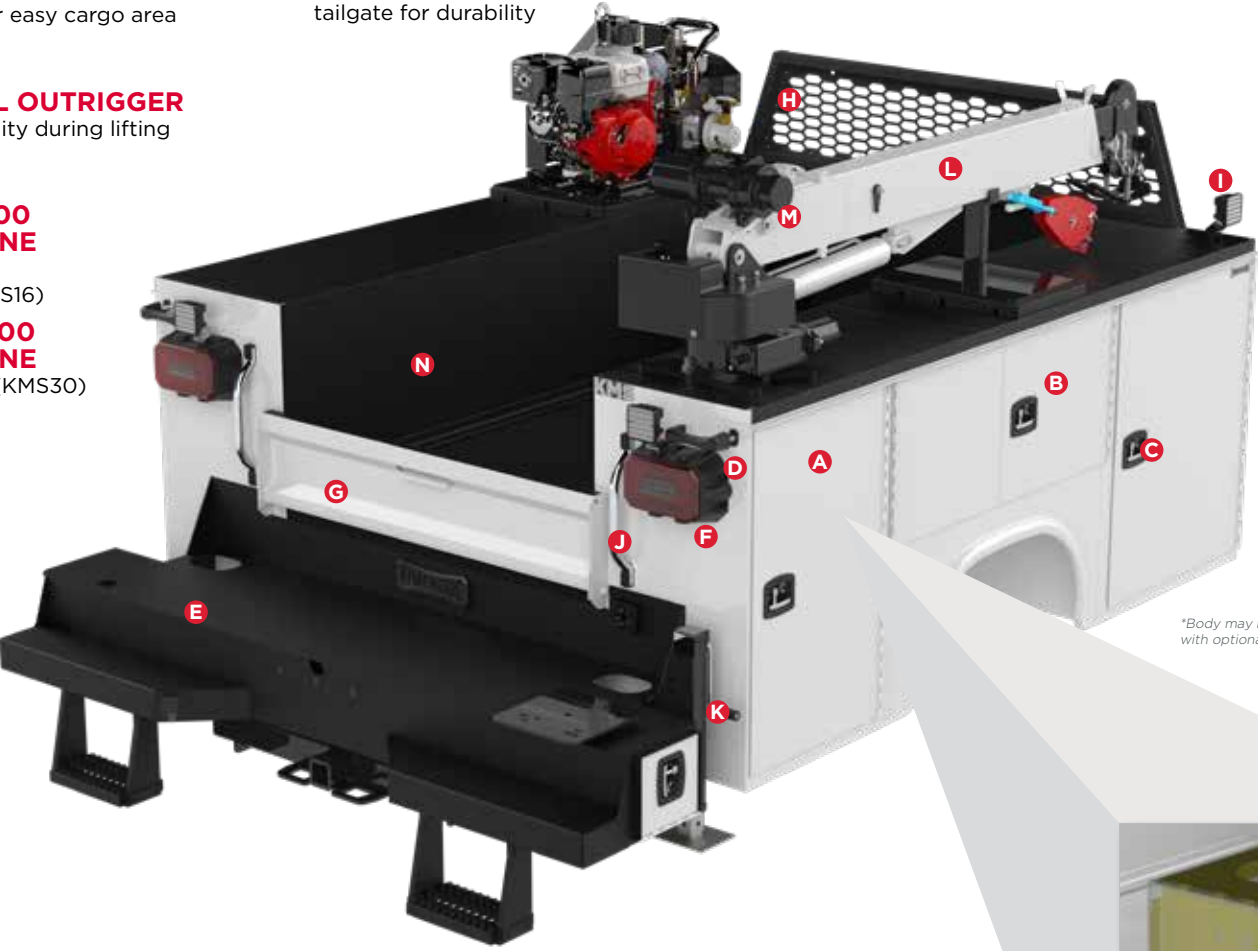
J HEAVY DUTY ALUMINUM GRAB HANDLES
installed on both sides at rear of the body for easy cargo area access

K (1) MANUAL OUTRIGGER
for crane stability during lifting operations

L UP TO 16,000 FT-LB. CRANE
with 20' reach (AKMS16 & KMS16)
UP TO 38,000 FT-LB. CRANE
with 21' reach (KMS30)

M PLANETARY WINCH
provides a 15 ft. per minute single line speed

N KNAPLINER
applied to cab guard, cargo area floor, sides, compartment tops, bulkhead, bumper and tailgate for durability



*Body may be shown with optional features

FEATURES NOT SHOWN

SMALL PART STORAGE CONTAINERS
in second horizontal compartment on street side

ALUMINUM MECHANIC 6-DRAWER SET
Extreme duty aluminum mechanic 6-drawer set on street side

1/8" TREAD PLATE FLOOR
provides traction for safety

D-RING CARGO TIE DOWNS
each D-ring provides a 2,000 lb. working load capacity (4 in 9' and 6 in 11')

KNAPHEIDE'S WATER-BASED UNDERCOAT
Bodies are fully protected with Knapheide's water-based undercoat

TORSION BOX SUBFRAME
Full length

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

14-GAUGE GALVANNEAL STEEL
Compartment bottoms, floors and end panels

COMPARTMENT FEATURES



DOUBLE-SPRING OVER-CENTER RETAINER
on vertical compartment doors eliminate involuntary swing



NEOPRENE DOOR SEALS
protect compartments from the weather



ADJUSTABLE DIVIDER SHELVES
250-lb. capacity



CONTINUOUS STAINLESS STEEL HINGES
are pry-proof and corrosion-resistant



POLYETHYLENE FORMED DRIP PAN WITH DRAIN HOSE
placed under the crane manages water intrusion through the crane pedestal

CRANE COMPARTMENT

KMS16 OFFERS A CRANE REINFORCEMENT KIT
allows you to incorporate a crane up to 4,000 lb. capacity (16,000 ft-lb. max.) onto the rear curb side corner of your body as shown on KMS16.



POPULAR OPTIONS



AUXILIARY LIGHTING



CARGO COVER



APU UNIT



WELDER



ADDITIONAL MECHANIC DRAWERS



LUBE SKID



LED COMPARTMENT LIGHTS



STEEL MECHANIC DRAWERS

MODEL OPTIONS

AKMT1 & KMT1

MODEL	GVWR MIN./RANGE	BUMPER	BODY LENGTH	BODY MATERIAL	COMPARTMENT HEIGHT	COMPARTMENT DEPTH	CARGO AREA WIDTH	TOPS & BACKS	REAR HITCH
AKMT1-11	19,500	21" with step down	11'	Aluminum	44", 60" raised front option	22"	50"	1/8" smooth steel	2.5" receiver tube below bumper
KMT1-11				Steel					

AKMS16, KMS16 & KMS30

MODEL	GVWR MIN./RANGE	MAXIMUM CRANE	BUMPER	BODY LENGTH	BODY MATERIAL	COMPARTMENT HEIGHT	COMPARTMENT DEPTH	CARGO AREA WIDTH	REAR HITCH
AKMS16-9	13,300-19,500	16,000 ft-lb.	21" with outrigger tube	9'	Aluminum	44", 60" raised front option	22"	50"	2.5" receiver tube below bumper
KMS16-9					Steel				
AKMS16-11	13,300-19,500	16,000 ft-lb.	21" with outrigger tube	11'	Aluminum	44", 60" raised front option	22"	50"	2.5" receiver tube below bumper
KMS16-11					Steel				
KMS30-11	15,000-19,500	38,000 ft-lb.	12" with outrigger tube	11'	Steel	44", 60" raised front option	22"	50"	2.5" receiver tube below bumper

**AKMT/AKMS are installed packages only*

KNAPHEIDE ALUMINUM MECHANICS TRUCKS ARE THE ANSWER TO YOUR PAYLOAD NEEDS

AKMS16-09 has weight reduction of approximately 530 lbs.*
AKMS16-11 has weight reduction of approximately 650 lbs.*
AKMT1-11 has weight reduction of approximately 1,000 lbs.*
**compared to Steel KMS & KMT models*

BODY WEIGHT SAVINGS = INCREASED PAYLOAD





COMMITMENT TO **CORROSION RESISTANCE**

Corrosion won't be a concern when you buy quality Knapheide products. To give you the best corrosion protection, we utilize a state-of-the-art, custom-designed, 12-step, SST cathodic electrodeposition finishing system, called "E-Coat."

It bonds prime paint to steel by an electroplating process to give you a superior coat of primer, resulting in better corrosion protection compared to spraying methods.

This system allows us to create products with the highest level of corrosion resistance available.

**SIX YEAR, LIMITED
TIME WARRANTY ON
STEEL MECHANICS TRUCKS**

**TEN YEAR, LIMITED
TIME WARRANTY ON
ALUMINUM MECHANICS TRUCKS**



**NO RUST
THROUGH**



**DOOR HINGES
WILL NOT FAIL OR
COME OFF BODY**



**LATCHES AND LOCK
CYLINDERS WILL NOT
FAIL TO OPERATE**



**SHELVES WILL NOT
BEND UNDER MAX.
LOAD OF 250 LBS.**

To learn more visit
www.knapheide.com/warranty

KNAPHEIDE®

SINCE 1848

★ AMERICA'S ★ **WORK TRUCK™**

The decisions you make about your equipment carry real weight. Your schedule, your team and your customers all depend on your tools to perform the way they should. That's why Knapheide goes beyond the build. By bringing innovative design, engineering, manufacturing and support together, you get a work solution that's ready from day one and stays consistent over time. American-made since 1848 and shaped by generations of experience, Knapheide fits the way you run your business and supports where you're headed next. It's a partnership you can count on every step of the way.

UNITED IN WORK.



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