

**KNAPHEIDE**  
SINCE 1848

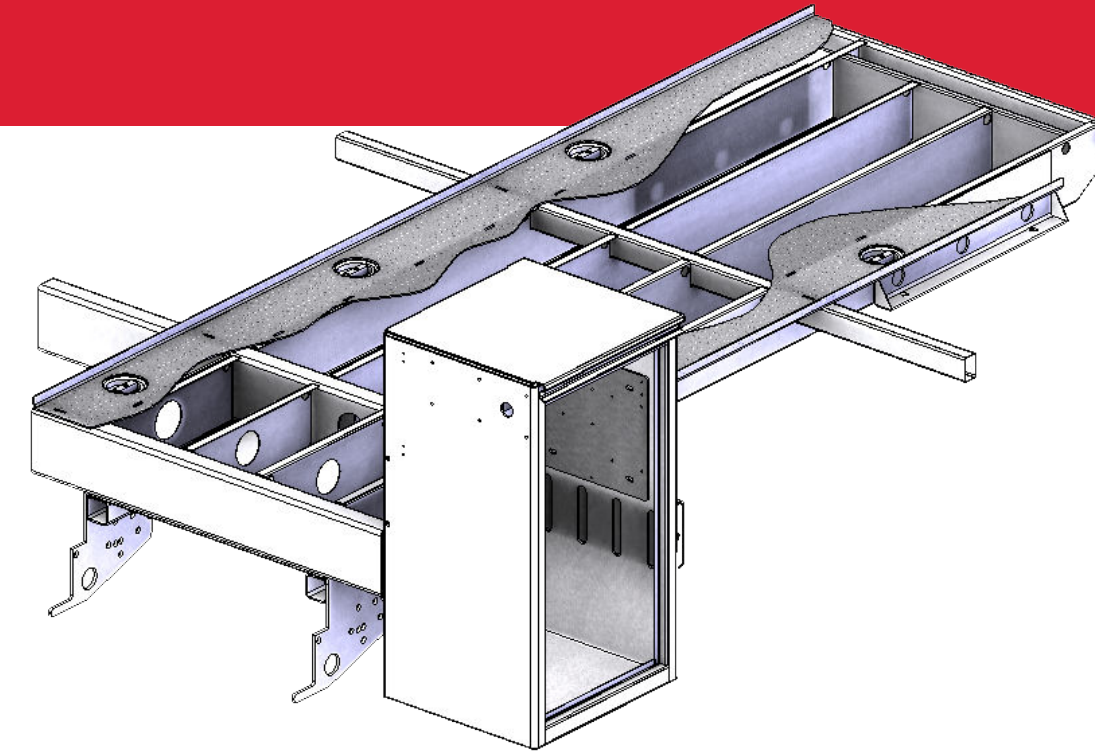


RAM  
**MECHANICS TRUCKS**

# KNAPHEIDE MECHANICS TRUCKS

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.



## 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.*

## 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.

## POPULAR VOCATIONS



HEAVY  
CONSTRUCTION



AGRICULTURE



PREVENTATIVE  
MAINTENANCE



OIL/MINING/GAS

**A. DOUBLE PANELED DOORS**

made of galvanized 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**

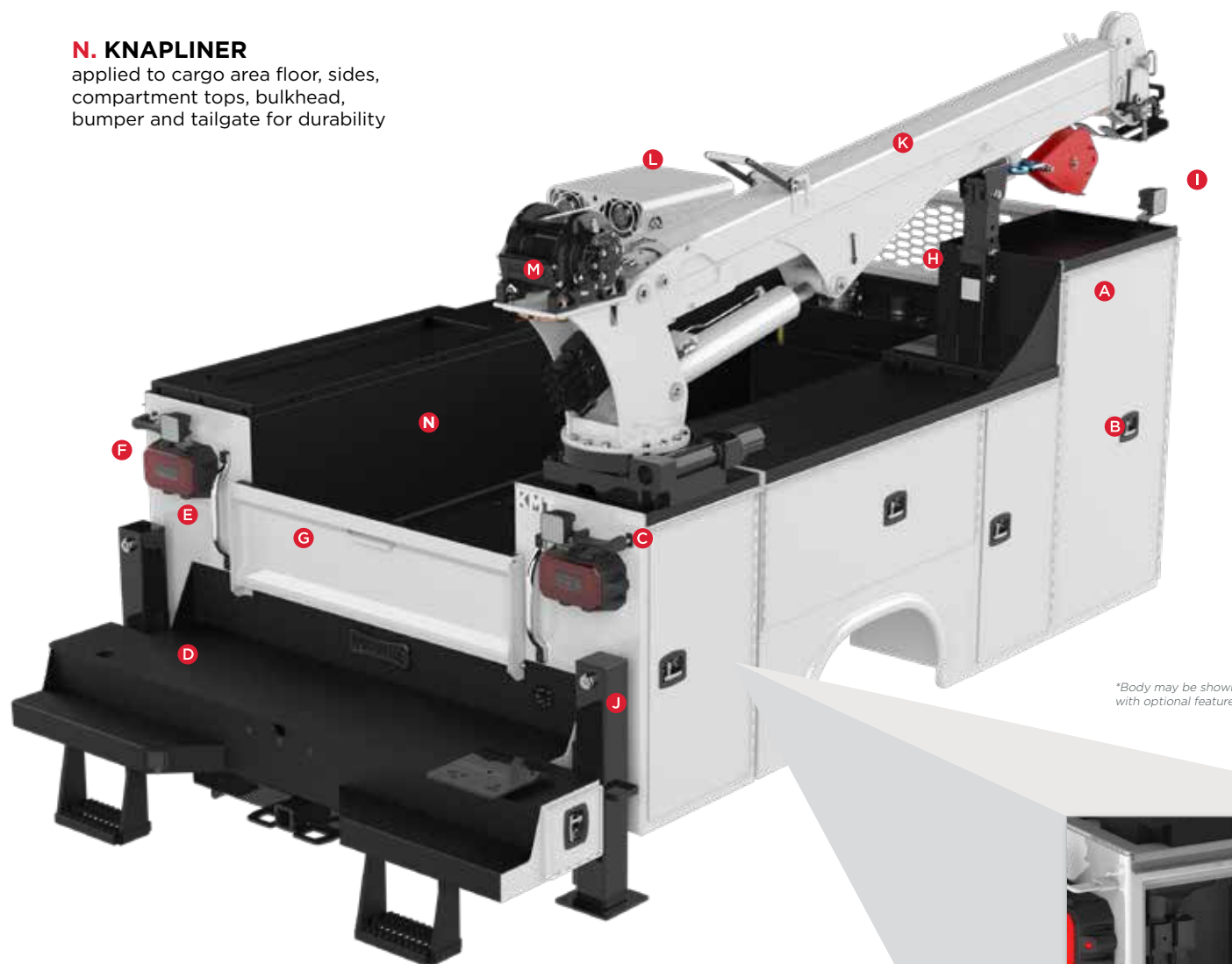
up to 40 CFM

**M. PLANETARY WINCH**

provides a 60 ft. per minute single line speed

**N. KNAPLINER**

applied to 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 horizontal compartment on street side

**ELECTRODEPOSITION PRIME-PAINT SYSTEM**

provides superior corrosion resistance

**(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

**3/16" TREAD PLATE FLOOR**

provides traction for safety

**12-GAUGE GALVANNEAL STEEL**

Compartment bottoms and end panels

**ALUMINUM MECHANIC 7-DRAWER SET**

Extreme duty aluminum mechanic 7-drawer set on street side

**MULTI-FUNCTION RADIO REMOTE CONTROL**

provides convenient complete control of the crane

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

**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**

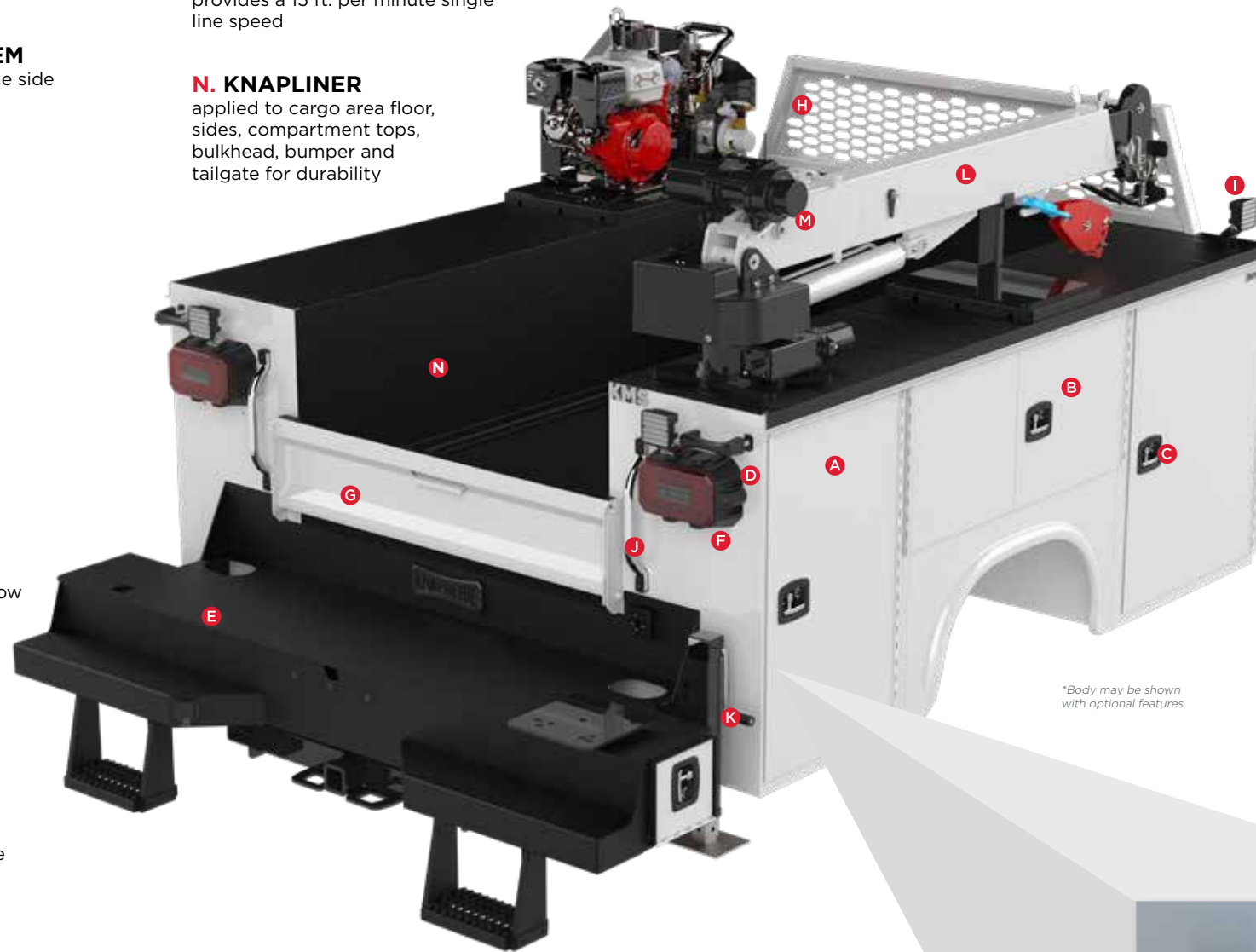
with 21' reach (KMS30)

**M. PLANETARY WINCH**

provides a 15 ft. per minute single line speed

**N. KNAPLINER**

applied to cargo area floor, sides, compartment tops, bulkhead, bumper and tailgate for durability



\*Body may be shown with optional features

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

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

**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

**ELECTRODEPOSITION PRIME-PAINT SYSTEM**

provides superior corrosion resistance

**TORSION BOX SUBFRAME**

Full length

**1/8" TREAD PLATE FLOOR**

provides traction for safety

**14-GAUGE GALVANNEAL STEEL**

Compartment bottoms, floors and end panels



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.



**REQUEST A QUOTE**



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

**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*

**POPULAR OPTIONS**



**AUXILIARY LIGHTING**



**WELDER**



**LED COMPARTMENT LIGHTS**



**CARGO COVER**



**ADDITIONAL MECHANIC DRAWERS**



**STEEL MECHANIC DRAWERS**



**APU UNIT**



**LUBE SKID**

**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.



FOLLOW US  
LIKE US  
TAG US



**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](http://www.knapheide.com/warranty)



# NEVER SETTLE

If you are going to be a leader, it takes more than building a high-quality product. It means never being totally satisfied with that product, no matter how high quality it may be. It requires constant vigilance and a willingness to take a chance on something new. And it means exceeding expectations every time. As the industry changes, one thing never will—our commitment to making customers like you as productive and efficient as possible. We know you don't settle, and we don't either. That's why we want you never to settle for anything less than Knapheide on the back of your truck.

**KNAPHEIDE. NEVER SETTLE.**



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