



**AMKUS**<sup>®</sup>  
RESCUE SYSTEMS



### AN AMERICAN SUCCESS STORY:



George Weigand

It's the kind of entrepreneurial story that seems to be quintessentially American. A German immigrant lands at an unanticipated midlife crossroads, only to turn that seeming misfortune into a tremendous opportunity that continues to thrive beyond his wildest hopes.

When longtime railroad executive George Weigand suddenly found himself out of a job he looked to his homeland connections and began a business to import German-made hydraulic tools. His efforts were well-timed and his business became a success. When the German company had a new product they

wanted to introduce to the States – a high pressure hydraulic rescue tool – they looked to George to import and market it.

George found a receptive audience for the product within the fire and rescue community, but when relationships with the German company changed George had his next epiphany – he'd manufacture the rescue tools himself. The financial risk was not small, but just like any visionary who's made a leap of faith, George put his future on the line and put his heart into his business. It's from those beginnings that AMKUS developed and eventually grew into one of the most revered and trusted names in the rescue equipment industry.

### AMKUS TODAY:

With decades of experience and a renewed commitment to innovation, AMKUS continues to develop and manufacture a wide range of hydraulic and battery powered rescue tools and products that are the industry standard for fire rescue and racing teams around the world.



In 2016 AMKUS Rescue Systems was acquired by Task Force Tips. With the acquisition came a promise to carry on the proud traditions of quality, service and dependability and to integrate a renewed passion for developing innovative new products and delivering world-class support. New products include the ION battery powered rescue tool line as well as hand-powered hydraulic lifting struts through the acquisition of 911 Tools.

The current AMKUS facility, located in Valparaiso, Indiana, is staffed with skilled machinists and dedicated workers. You'll find the AMKUS mission statement in evidence throughout the complex. "Life is the most precious possession we have. At AMKUS our mandate is to give rescue people the tools to save human life."

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# Battery Powered Tools



# CHARGE TO THE RESCUE



## ION Battery Powered Tools

The ION line of rescue tools are lightweight and compact in size, allowing emergency personnel to quickly deploy them and operate in tight quarters. While small in size, these tools pack a powerful punch and are capable of cutting and spreading ultra-high strength and Boron steel.

### INNOVATIVE CONSTRUCTION

- Tool housings are built of lightweight, solid aluminum and are more rugged than plastic housings on other tools
- Short length of tool allows it to fit into confined spaces better than competitive tools

### A CUT ABOVE

- Cutter blades and center bolt are designed to access tight places and make difficult cuts
- Tools are ready to handle the toughest materials like ultra-high strength and Boron steel used in today's vehicles

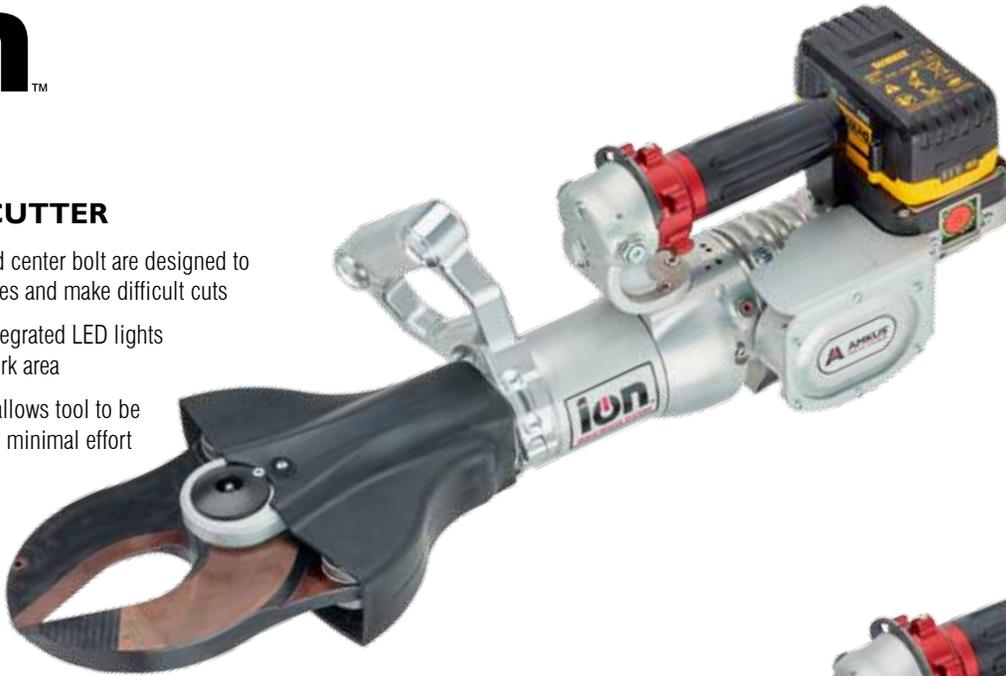
### TILT THE BALANCE

- The balanced tool design and rotating handle allow the operator ergonomic use
- Tools rotate 180 degrees for the safest operation in tight conditions



### ION iC550 CUTTER

- Cutter blades and center bolt are designed to access tight places and make difficult cuts
- High intensity integrated LED lights illuminate the work area
- Rotating handle allows tool to be repositioned with minimal effort



Length	29.2 inches (741 mm)
Width	6.9 inches (175 mm)
Height	8.6 inches (218 mm)
Weight (excl. battery)	44.4 lbs (20.1 kg)
Cutter Opening	5.9 inches (150 mm)
Cutter Rating	A6/B6/C7/D7/E7
Battery	DeWalt® Lithium-Ion
Battery Voltage	36V



### ION iS240 SPREADER

- The iS240 uses the same tips as the hydraulic AMK-24 and AMK-30CRT, including the ERT tips and the quick adjust chain package
- Adding ERT tips to the iS240 expands maximum spread distance from 24 to 32 inches

Length	30.1 inches (764 mm)
Width	7.0 inches (177 mm)
Height	8.8 inches (223 mm)
Weight (excl. battery)	46.2 lbs (21 kg)
Max Spreading Distance	24 inches (609 mm)
Max Spreading Distance (with optional ERT tips)	32 inches (813 mm)
Battery	DeWalt® Lithium-Ion
Battery Voltage	36V



**Standard or Quick Adjust Chain Packages Available**

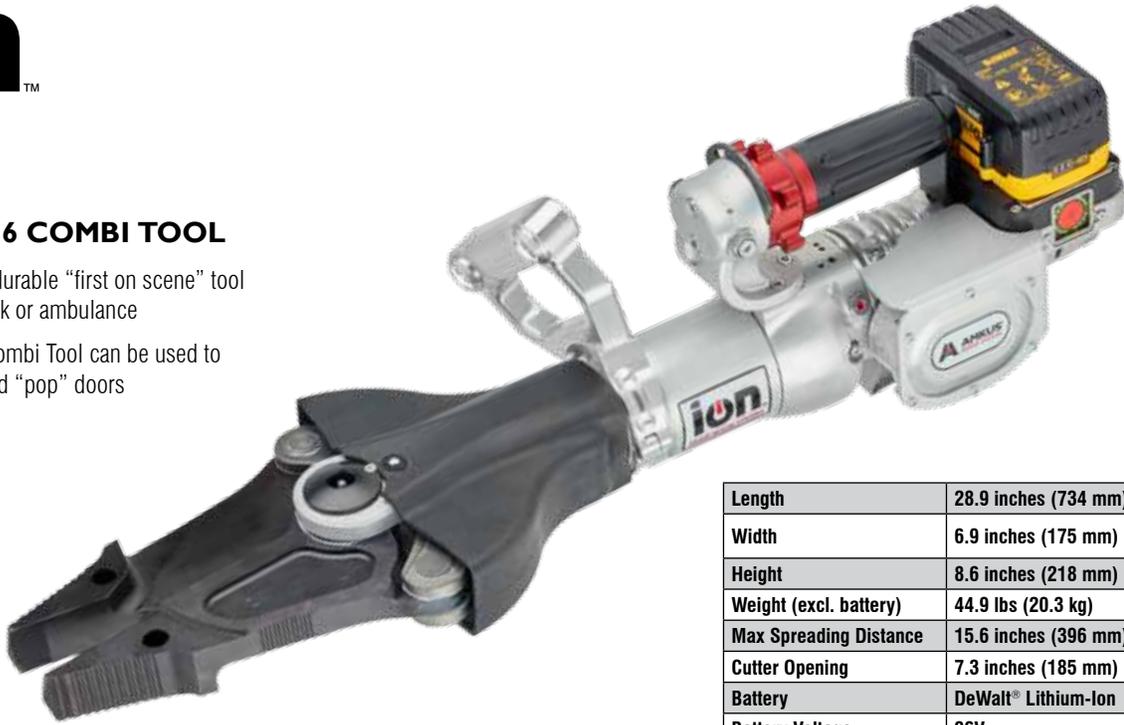


### Extended Reach Tips (ERT) KS0029

- Accessory for spreader models AMK-24 and AMK-30CRT and upgrade available for 30CX
- Increases the spread up to 8 inches and the unique construction eliminates loss of power
- Easily add or remove with built-in push button release – no more pins to lose

### ION iCT516 COMBI TOOL

- Versatile and durable “first on scene” tool for rescue truck or ambulance
- The iCT516 Combi Tool can be used to spread, cut and “pop” doors



Length	28.9 inches (734 mm)
Width	6.9 inches (175 mm)
Height	8.6 inches (218 mm)
Weight (excl. battery)	44.9 lbs (20.3 kg)
Max Spreading Distance	15.6 inches (396 mm)
Cutter Opening	7.3 inches (185 mm)
Battery	DeWalt® Lithium-Ion
Battery Voltage	36V

### ION iTR230 RAM

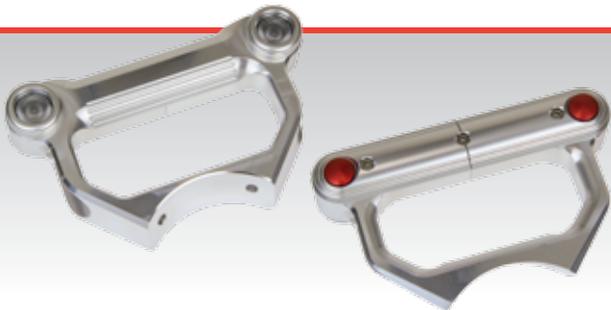
- The iTR230 has the highest pushing force available in a battery powered ram
- Unique rotating handle allows extra maneuverability in tight spaces
- Extensions available for a maximum extended length of 50 inches



Length	17.0 inches (432 mm)
Width	7.9 inches (200 mm)
Height	11.4 inches (290 mm)
Weight (excl. battery)	44.4 lbs (20.1 kg)
Length Retracted	11.4 inches (290 mm)
Length Extended	22.6 inches (574 mm)
Stroke: Piston 1	6.3 inches (160 mm)
Stroke: Piston 2	4.9 inches (124 mm)
Stroke: Overall	11.2 inches (284 mm)
Extensions Lengths Available	10, 18 and 27 inch (254, 457 and 686 mm)
Max Extended Length with Extensions	50.6 inches (1285 mm)
Max Pushing Force Piston 1	48,061 lbs (213.8 kN)
Max Pushing Force Piston 2	17,417 lbs (77.4 kN)
Battery	DeWalt® Lithium-Ion
Battery Voltage	36V

### RAM EXTENSIONS

Three quick connect ram extension options allow rescue teams to reach farther up to 50 inches.



### Lighted Handle KEH015-KIT

- Lighted 360° swiveling handles are standard on all ION battery powered cutters and combi tools
- The kit quickly and easily upgrades existing 360° swiveling handles on AMK-21A and AMK-22 hydraulic cutters
- Two super-bright battery-powered LED lights with three brightness settings
- Made from one-piece solid billet aluminum





*The combi-tool is a great first on scene tool from an engine or EMS response*

## Hydraulic Tools

AMKUS hydraulic tools are long recognized as leaders in cutting power and rugged tool durability. Their design begins with an extraordinarily balanced tool that provides operator comfort and safety. Tools also include a time tested feature of compact blades that deliver maximum cutting force.

### INNOVATIVE CONSTRUCTION

- Compact blades allow access to the back of the blades for optimal cutting power
- Hydraulic hoses drop straight down from the top yielding an overall shorter tool and hoses that are less vulnerable to damage

### A CUT ABOVE

- Cutter blades are designed to access tight places and make difficult cuts
- Tools are ready to handle the toughest materials, like ultra-high strength and Boron steel used in today's vehicles

### TILT THE BALANCE

- The balanced tool design and rotating handle allow the operator ergonomic use
- Unique 360 degree rotating handle allows tools to be positioned for safe operation

# THE BALANCE OF POWER



*Quick connect extensions allow for extension to 50 inches*



*AMKUS cutters lead the way in rugged durability and reliability*

# ▲ HYDRAULIC CUTTERS

## AMK-22 CUTTER

NFPA 1936 Compliant

- Unique 360 degree rotating lighted handle with eight positions allows rescuer to place the handle in the best position for the desired cutting action
- Control valve placement provides compact design, allowing greater access for the user
- Tool design provides excellent balance and natural hand placement
- Powerful enough to cut Boron and other ultra-high strength steels
- Anodized for corrosion protection

Length	24.7 inches (627.4 mm)
Width	7.5 inches (190.5 mm)
Depth	8.9 inches (226.1 mm)
Weight (ready-to-use)	46.0 lbs (20.9 kg)
Max cutter opening at tips	5.0 inches (127.0 mm)
Cutter Opening Time	5 seconds
Cutter Closing Time	6 seconds
Maximum Cutting Force (at top of body)	200,807 lbs (893.2 kN)
Rated Input Pressure	10,500 psi (724 bar)



## AMK-21A CUTTER

NFPA 1936 Compliant

- Unique 360 degree rotating lighted handle with eight positions allows rescuer to place the handle in the best position for the desired cutting action
- Control valve placement provides compact design, allowing greater access for the user
- Tool design provides excellent balance and natural hand placement
- Powerful enough to cut Boron and other ultra-high strength steels
- Anodized for corrosion protection

Length	25.8 inches (655 mm)
Width	9.0 inches (229 mm)
Depth	8.0 inches (203 mm)
Weight (ready-to-use)	35.0 lbs (15.9 kg)
Max cutter opening at tips	5.2 inches (132 mm)
Cutter Opening Time	4 seconds
Cutter Closing Time	4 seconds
Maximum Cutting Force	110,000 lbs (489.3 kN)
Rated Input Pressure	10,500 psi (724 bar)



## AMK-25 HEAVY DUTY CUTTER

- Extremely compact and versatile with plenty of cutting power
- Proven design - thousands in use worldwide
- Anodized for corrosion protection
- Available with D-ring handle
- Available with standard or mono coupling

Length	20.5 inches (521 mm)
Width	9.0 inches (229 mm)
Depth	7.6 inches (193 mm)
Weight (ready-to-use)	30.1 lbs (13.7 kg)
Max cutter opening at tips	4.1 inches (104 mm)
Max Cutter Opening at Center	5.0 inches (127mm)
Max Cutting Force	60,000 lbs. (266.9 kN)
Rated Input Pressure	10,500 psi (724 bar)



## AMK-25E SPEEDWAY CUTTER

- Long blade and wide opening covers the need for continuous cutting such as: "B" & "C" posts, third doors and roofs
- Designed for racing but lends itself to everyday vehicle rescue
- Available with D-ring handle
- Available with standard or mono coupling

Length	23.5 inches (597 mm)
Width	9.0 inches (229 mm)
Depth	7.6 inches (193 mm)
Weight (ready-to-use)	34.0 lbs (15.4 kg)
Max cutter opening at tips	7.0 inches (178 mm)
Max Cutter Opening at Center	8.0 inches (203mm)
Max Cutting Force	60,000 lbs (266.9 kN)
Rated Input Pressure	10,500 psi (724 bar)



### Control Valve Grip KV0005-KIT

- Made from one piece billet aluminum, anodized, powder coated black and laser engraved with the new Amkus logo
- The new shape enhances grip and precise tool control, even with a gloved hand
- Quick and easy conversion of your old control valve



### Super Swivel KHC022

- Allows the hose to be positioned or moved to prevent accidental crushing
- Hose connection can be positioned for vertical mounting when using mono couplings
- More complete maneuverability of hose and use of full length of tool connection hose

# ▲ HYDRAULIC SPREADERS

## AMK 30CRT SPREADER

- Unique design allows maximum usable force
- Tips remain parallel to the cylinder throughout the spread, allowing them to stay in contact with the material continuously for maximum spread (reduces risk of piercing with the tips)
- Removable tips accept chain package and optional tips for versatility
- Push button pins for easy removal of tips (eliminates possibility of losing pins in the field)
- Available with standard or mono coupling

<b>Max Spreader Opening</b>	<b>32.0 inches (813 mm)</b>
<b>Max Spreader Force</b> <small>(measured at 30.2 in. (767mm) spreader tip opening)</small>	<b>17,775 lbs (79.1 kN)</b>
<b>Weight (ready-to-use):</b>	<b>48.0 lbs ( 21.75 kg)</b>
<b>Length</b>	<b>30.1 inches (765 mm)</b>
<b>Width</b>	<b>12.0 inches (305 mm)</b>
<b>Height</b>	<b>8.2 inches (208 mm)</b>
<b>Rated Input Pressure</b>	<b>10,500 psi (724 bar)</b>



## AMK 30CX SPREADER

- The lightest weight full-size spreader available
- Unique construction allows maximum usable force
- Tips remain parallel to the cylinder throughout the spread
- Excellent balance
- Anodized for corrosion protection
- Available with standard or mono coupling

<b>Max Spreader Opening</b>	<b>32.0 inches (813 mm)</b>
<b>Max Spreader Force</b> <small>(measured at 30.2 in. (767mm) spreader tip opening)</small>	<b>16,950 lbs (75.4 kN)</b>
<b>Weight (ready-to-use):</b>	<b>47.5 lbs ( 21.5 kg)</b>
<b>Length</b>	<b>30.1 inches (765 mm)</b>
<b>Width</b>	<b>12.0 inches (305 mm)</b>
<b>Height</b>	<b>8.2 inches (208 mm)</b>
<b>Rated Input Pressure</b>	<b>10,500 psi (724 bar)</b>



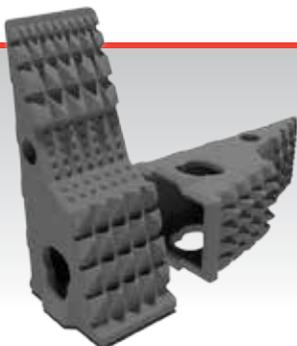
## AMK 24 SPREADER

NFPA 1936 and EN13204 Compliant

- Unique design allows maximum usable force
- Tips remain parallel to the cylinder throughout the spread allowing them to stay in contact with the material continuously for maximum spread (reduces risk of piercing with the tips)
- Removable tips accept chain package and optional tips for versatility
- Push button pins for easy removal of tips (eliminates possibility of losing pins in the field)
- Control valve placement provides compact design allows greater access for the user
- Excellent balance and natural hand placement
- Anodized for corrosion protection



<b>Max Spreader Opening</b>	<b>24.0 inches (610 mm)</b>
<b>Max Spreader Travel Distance</b>	<b>23.9 inches (607 mm)</b>
<b>Weight (ready-to-use)</b>	<b>37.35 lbs (17.0 kg)</b>
<b>Length</b>	<b>29.7 inches (754 mm)</b>
<b>Width</b>	<b>14.0 inches (356 mm)</b>
<b>Depth</b>	<b>8.0 inches (203 mm)</b>
<b>Highest Spreading Force (NFPA 1936, HSF)</b>	<b>10,100 lbs (44.8 kN)</b>
<b>Lowest Spreading Force (NFPA 1936, LSF)</b>	<b>9,145 lbs (40.6 kN)</b>
<b>Highest Pulling Force (NFPA 1936, HPF)</b>	<b>6,218 lbs (27.6 kN)</b>
<b>Lowest Pulling Force (NFPA 1936, LPF)</b>	<b>5,450 lbs (24.2 kN)</b>
<b>Maximum Spreading Force (at back of tips)</b>	<b>18,785 lbs (83.5 kN)</b>
<b>Rated Input Pressure</b>	<b>10,500 psi (724 bar)</b>
<b>Spreader Opening Time</b>	<b>4 seconds</b>
<b>Spreader Closing Time</b>	<b>4 seconds</b>



### Gator Tips KS0017G

- Aggressive tooth pattern won't slip and beveled edges don't rip sheet metal
- Wide shoulder scoop-out cradles the load and opposing teeth grip with arms wide open
- Standard on ION iS240 spreader – also available on AMK-30CRT and AMK-24 spreaders



### Other packages available

#### Standard Chain Package

Includes 2 seven foot chains with u-Bolt and hook. For use with AMK-30CX, Rams and AMK-28 Spreader

#### Quick Adjust Chain Package

Quick release push button tips with hook. Includes 2 seven foot chains. For use with AMK-24 and AMK-30CRT Spreaders

# ▲ HYDRAULIC COMBI TOOL

## AMK-25C COMBI TOOL

- Combination cutting/spreading/pulling tool
- Extremely lightweight, compact size for easy storage
- Ideal for “first response” applications
- Anodized for corrosion protection
- Check valve design maintains load
- Available with D-ring handle
- Available with standard or mono coupling

Length	25.0 inches (635 mm)
Width	8.0 inches (203 mm)
Height	7.5 inches (190 mm)
Weight (ready-to-use)	36.0 lbs (16.4 kg)
Max Cutting Edge Opening	7.0 inches (178 mm)
Max Cutting Force	57,000 lbs (253.5 kN)
Max Spreading Distance	15.5 inches (394 mm)
Max Spreading Force at Tips	9,900 lbs (44.0 kN)
Rated Input Pressure	10,500 psi (724 bar)



## AMK-C15 COMBI TOOL

- Combination cutting/spreading/pulling tool
- Well balanced and easy to use
- Check valve design maintains load
- Anodized for corrosion protection
- Available with D-ring handle
- Available with standard or mono coupling

Length	26.5 inches (673 mm)
Width	10.0 inches (254 mm)
Height	9.0 inches (229 mm)
Weight (ready-to-use)	43.0 lbs (19.5 kg)
Max Cutting Edge Opening	7.0 inches (178 mm)
Max Cutting Force	57,000 lbs (253.5 kN)
Max Spreading Distance	15.5 inches (394 mm)
Max Spreading Force at Tips	13,100 lbs (58.3 kN)
Rated Input Pressure	10,500 psi (724 bar)



# ▲ HYDRAULIC RAMS

## AMK-100R LIFT JACK

- Single-stage lifting jack
- Enormous lifting force in a compact package
- Remote actuating valve allows operation from a safe distance
- Supplied with 1", 2" and 3" shim plates for longer stroke applications

Max Pushing Force	100,000 lbs (445 kN)
Length Open	16 inches (406 mm)
Length Closed	10 inches (254 mm)
Total Weight	61 lbs (27.7 kg)
- Jack assembly	20 lbs (9 kg)
- Remote Valve Assembly	10 lbs (4.5 kg)
- Shim Plates	23 lbs (10.4 kg)
- 10' Extension Hose	8 lbs (3.6 kg)



## Mono Coupler KHC013-KIT male KHC014-KIT female

- Hot swappable coupler allows connecting and disconnecting of tools while the line is under flow (in most cases it's not necessary to place the directional control of the power unit in the neutral position)
- Convert standard AMKUS twin line hoses into a single connection or retrofit existing AMKUS rescue tools when ordered with additional adapter



# ▲ HYDRAULIC RAMS

## PUSH/PULL RAMS

- Unique base design distributes load
- Check valve design maintains load
- Accessories available for increased capabilities
- Push/Pull design allows use of standard AMKUS chain packages
- Anodized for corrosion protection
- Available with standard or mono coupling



AMK-20R



AMK-30R



AMK-40R



AMK-60R

## All PUSH/PULL RAMS

Max Push Force	30,650 lbs (136.3 kN)
Max Pull Force	14,400 lbs ( 64.1 kN)
Rated Input Pressure	10,500 psi (724 bar)

### AMK-20R RAM

Length Open	21.0 inches (533 mm)
Length Closed	15.4 inches (391 mm)
Width Overall	12.8 inches (325 mm)
Height	10.0 inches (254 mm)
Weight (ready-to-use)	22.5 lbs (10.2 kg)

### AMK-40R RAM

Length Open	40.0 inches (1,016 mm)
Length Closed	25.4 inches (645 mm)
Width Overall	8.5 inches (216 mm)
Height	5.0 inches (127 mm)
Weight (ready-to-use)	33.0 lbs (15.0 kg)

### AMK-30R RAM

Length Open	29.1 inches (739 mm)
Length Closed	19.3 inches (490 mm)
Width Overall	8.5 inches (216 mm)
Height	5.0 inches (127 mm)
Weight (ready-to-use)	27.0 lbs (12.2 kg)

### AMK-60R RAM

Length Open	60.3 inches (1,532 mm)
Length Closed	35.5 inches (902 mm)
Width Overall	8.5 inches (216 mm)
Height	5.0 inches (127 mm)
Weight (ready-to-use)	43.5 lbs. (19.7 kg)



### Ram Accessory Kit K-RAMACC

- Includes ten inch extension and two accessory heads



### Color Mono Coupler Sleeves

KHC007YL-KIT (yellow), KHC007GN-KIT (green), KHC007RD-KIT (red)  
KHC007BL-KIT (blue), KHC007GR-KIT (gray), KHC007-KIT (black)

- These colored sleeves can be used in identifying hydraulic lines or specific tools – aiding reaction times at deployment and standardizing departmental procedures



## Power Units

# POWER UP

## Power Units

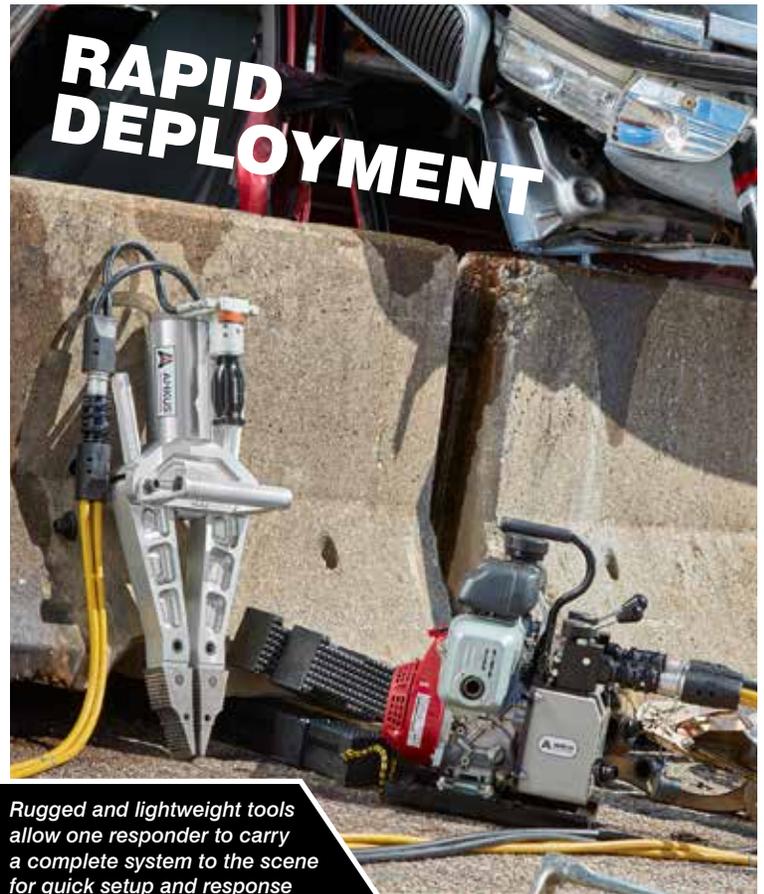
AMKUS offers a wide range of power units to suit department operational and budget needs. Available power plants include gasoline engines (two brand choices), electric motors, and PTO driven hydraulic motors.

### REACH FARTHER

- The Super Simo provides full power, even at hose lengths up to 200'

### THE POWER OF CHOICE

- Gasoline-powered units offer the choice of either Briggs® & Stratton or Honda® engine units
- Two separate 2-stage pumps in each power unit prevents loss of power when operating both circuits



*Rugged and lightweight tools allow one responder to carry a complete system to the scene for quick setup and response*

### POWER FOR ALL

- Power units are capable of powering all brands of 10,500 psi tools
- Coupling kit required for operation, standard or mono couplings available



*BOOST mode, when in alternate tool operation, increases tool responsiveness in both pump stages*

## 240SS SUPER SIMO On-Board Power Unit

- Typically a simultaneous power unit draws about 60 amps at inrush – the 240SS requires only about 5 amps to start up with virtually no inrush
- The design of the 240SS reduces the need for accessibility to the pump unit, providing versatility when determining a location for the unit in your apparatus
- Easy and cost effective installation
- Retrofits on existing apparatus are a practical option
- Electric Power Unit, 240 volt single phase power
- Provides performance virtually the same as the AMKUS Ultimate System
- Two tools can be connected and operated simultaneously
- Can be used with hose lengths up to 200'
- DC fan-cooled hydraulic heat exchanger
- Complete on-board circuit panel for: individual motor and circuit activation, LED circuit status display, LCD display for operational diagnostics, integrated low oil warning and low oil shut down
- Optional wireless remote control with emergency shut down



<b>Max Operating Pressure</b>	<b>10,500 psi (724 bar)</b>
<b>Max Electrical Draw (when both circuits at maximum operating pressure)</b>	<b>13,500 watts</b>
<b>Delivery of Pump, stage 1</b>	<b>1.0 gpm per port x 2 (3785 cc/min)</b>
<b>Delivery of Pump, stage 2</b>	<b>0.68 gpm per port x 2 (2574 cc/min)</b>
<b>Step Down Pressure</b>	<b>6,500 psi (448 bar)</b>
<b>Relief Pressure Setting</b>	<b>10,500 psi (724 bar)</b>
<b>Capacity of Oil Reservoir</b>	<b>7.0 gals. US (operational) (26.4 liters)</b>
<b>Power Unit</b>	
<b>Weight</b>	<b>177 lbs dry (80.2 kg) 217 lbs wet (98.4 kg)</b>
<b>Dimensions Vertical Mounted</b>	<b>33H x 10.25W x 21D inches</b>
<b>Dimensions Horizontal Mounted</b>	<b>21H x 10.25W x 33L inches</b>

<b>Motor Control Unit</b>	
<b>Weight</b>	<b>33.75 lbs (15.3 kg)</b>
<b>Dimensions</b>	<b>12.5H x 22W x 7.75D inches</b>
<b>Control Console</b>	
<b>Weight</b>	<b>7 lbs (3.1 kg)</b>
<b>Dimensions</b>	<b>14.25H x 10W x 5D inches</b>
<b>Heat Exchanger</b>	
<b>Weight</b>	
<b>Dimensions (with Port Blocks)</b>	<b>16.75H x 15W x 7D inches</b>



## HH2S POWER UNIT (not pictured)

- Hydraulic motor driven
- Two high pressure, 2-stage pumping systems
- Two tools can be connected and operated simultaneously
- Two 2-way, 2-position selector valves

<b>Length</b>	<b>14.5 inches (369 mm)</b>
<b>Width</b>	<b>12.8 inches (326 mm)</b>
<b>Height</b>	<b>17.2 inches (437 mm)</b>
<b>Weight (ready-to-use)</b>	<b>86.0 lbs (39 kg)</b>
<i>Includes anti-vibration feet and hydraulic fluid.</i>	
<b>Fluid Type</b>	<b>AMKUS MV-1 Mineral Base Hydraulic Fluid</b>
<i>For equipment stored and operated in environments below freezing use AMKUS MV-0 Mineral Base Hydraulic Fluid</i>	
<b>Rated Output Pressure</b>	<b>10,500 psi (724 bar)</b>
<b>Hydraulic Fluid Reservoir Capacity</b>	<b>2.0 gals US (7.6 liters)</b>
<b>Delivery of pump, stage 1</b>	<b>1.20 gpm per port x 2 (4,542 cc/min)</b>
<b>Delivery of pump, stage 2</b>	<b>0.25 gpm per port x 2 (946 cc/min)</b>

# ▲ POWER UNITS

## GH2B-MCH MINI

- Gasoline powered Honda® engine
- Two tool simultaneous operation
- “BOOST” mode, when in alternate tool operation, increases tool response in both pump stages
- Increased first stage pressure reduces cycle times
- Newly designed 3-position control valves
- Direct mounted standard couplings or single connection mono couplings
- Modular design reduces time required for service

Length (with couplings)	17.75 inches (451 mm)
Length (without couplings)	15.50 inches (394 mm)
Width	12.50 inches (318 mm)
Height	18.50 inches (470 mm)
<i>All weights include gas, engine oil, and hydraulic fluid</i>	
Weight (with Standard Couplings)	58.77 lbs (26.66 kg)
Weight (with female Mono Couplings)	58.60 lbs (26.58 kg)
Weight (without couplings)	55.40 lbs (25.13 kg)
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
<i>For equipment stored and operated in environments below freezing use AMKUS MV-0 Mineral Base Hydraulic Fluid</i>	
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	0.6 gals. US (2.27 liters)
Delivery of pump, stage 1	0.584 gpm per port x 2 (2212 cc/min)
Delivery of pump, stage 2	0.151 gpm per port x 2 (574 cc/min)
<i>BOOST Mode: Single tool operation only</i>	
Delivery of pump, stage 1	1.168 gpm (4424 cc/min)
Delivery of pump, stage 2	0.32 gpm (1148 cc/min)



## GB2S-XL0 POWER UNIT

NFPA 1936 and EN13204 Compliant

- Gasoline powered Briggs & Stratton® overhead valve 4 cycle engine
- Two high pressure, two-stage pumping systems
- Two 2-way, 2-position selector valves
- Two tools can be connected and operated simultaneously
- Roll cage for protection and hose storage

Length	23.0 inches (584 mm)
Width	16.0 inches (483 mm)
Width (with one hose loop standard)	19.0 inches (437 mm)
Height	20.5 inches (521 mm)
Weight (ready-to-use)	109.6 lbs (50 kg)
<i>Includes gas, engine oil, hydraulic fluid and couplings.</i>	
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	2.0 gals US (7.6 liters)
Delivery of pump, stage 1	1.20 gpm per port x 2 (4,542 cc/min)
Delivery of pump, stage 2	0.25 gpm per port x 2 (946 cc/min)



## EF2S POWER UNIT

NFPA 1936 Compliant

- Electric powered, 3.0 horsepower, “washdown” motor
- Two high pressure, two-stage pumping systems
- Two 2-Way, 2-position selector valves
- Two tools can be connected and operated simultaneously
- 220/240 Volt single phase

Length	17.6 inches (447 mm)
Width	12.1 inches (307 mm)
Height	20.0 inches (508 mm)
Weight (ready-to-use)	106.4 lbs (48.0 kg)
<i>Includes hydraulic fluid and couplings.</i>	
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	2.0 gals US (7.6 liters)
Delivery of pump, stage 1	1.20 gpm (4,542 cc/min)
Delivery of pump, stage 2	0.25 gpm (946 cc/min)



EF2S

## EF2S-XL POWER UNIT (not pictured)

NFPA 1936 Compliant

- Electric powered, 3.0 horsepower, “Washdown” motor
- Two high pressure, two-stage pumping systems
- Two 2-Way, 2-position selector valves
- Two tools can be connected and operated simultaneously
- Roll cage for protection and hose storage, also available without roll cage
- 220/240 Volt single phase

Length	23.0 inches (584 mm)
Width	16.0 inches (407 mm)
Width (with one hose loop standard)	19.0 inches (483 mm)
Height	20.5 inches (521 mm)
Weight (ready-to-use)	122.1 lbs (55.0 kg)
<i>Includes hydraulic fluid and couplings.</i>	
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	2.0 gals US (7.6 liters)
Usable Hydraulic Fluid Capacity	0.66 gals US (2.50 liters)
Delivery of pump, stage 1	1.20 gpm (4,542 cc/min)
Delivery of pump, stage 2	0.25 gpm (946 cc/min)

## HP101-STD BACK UP HAND PUMP



HP101-STD shown with optional foot pump handle

Length	27 inches (686 mm)
Width	10.5 inches (267 mm)
Height	8 inches (203 mm)
Weight (ready-to-use)	32.0 lbs (14.5 kg)
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	0.66 gals US (2.5 liters)
Usable Hydraulic Fluid Capacity	0.6 gals US (2.3 liters)

# ▲ POWER UNITS

## GH2A-MC MINI POWER UNIT

*NFPA 1936 and EN13204 Compliant*

- Gasoline powered 4-cycle Honda® engine
- Easy to fill with large fill port on reservoir
- Includes spark arresting muffler
- Two tools can be connected simultaneously
- High pressure, two-stage pumping system
- Alternate tool operation
- Roll cage for protection
- Easy access drain port to drain hydraulic fluid from pump

Length	19.0 inches (482 mm)
Width	17.0 inches (432 mm)
Height	17.8 inches (452 mm)
Weight (ready-to-use)	68.0 lbs (30.8 kg)
<i>Includes gas, engine oil, hydraulic fluid and couplings.</i>	
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	0.68 gals US (2.57 liters)
Usable Hydraulic Fluid Capacity	0.66 gals US (2.50 liters)
Delivery of pump, stage 1	0.8 gpm (3,028 cc/min)
Delivery of pump, stage 2	0.14 gpm (530 cc/min)

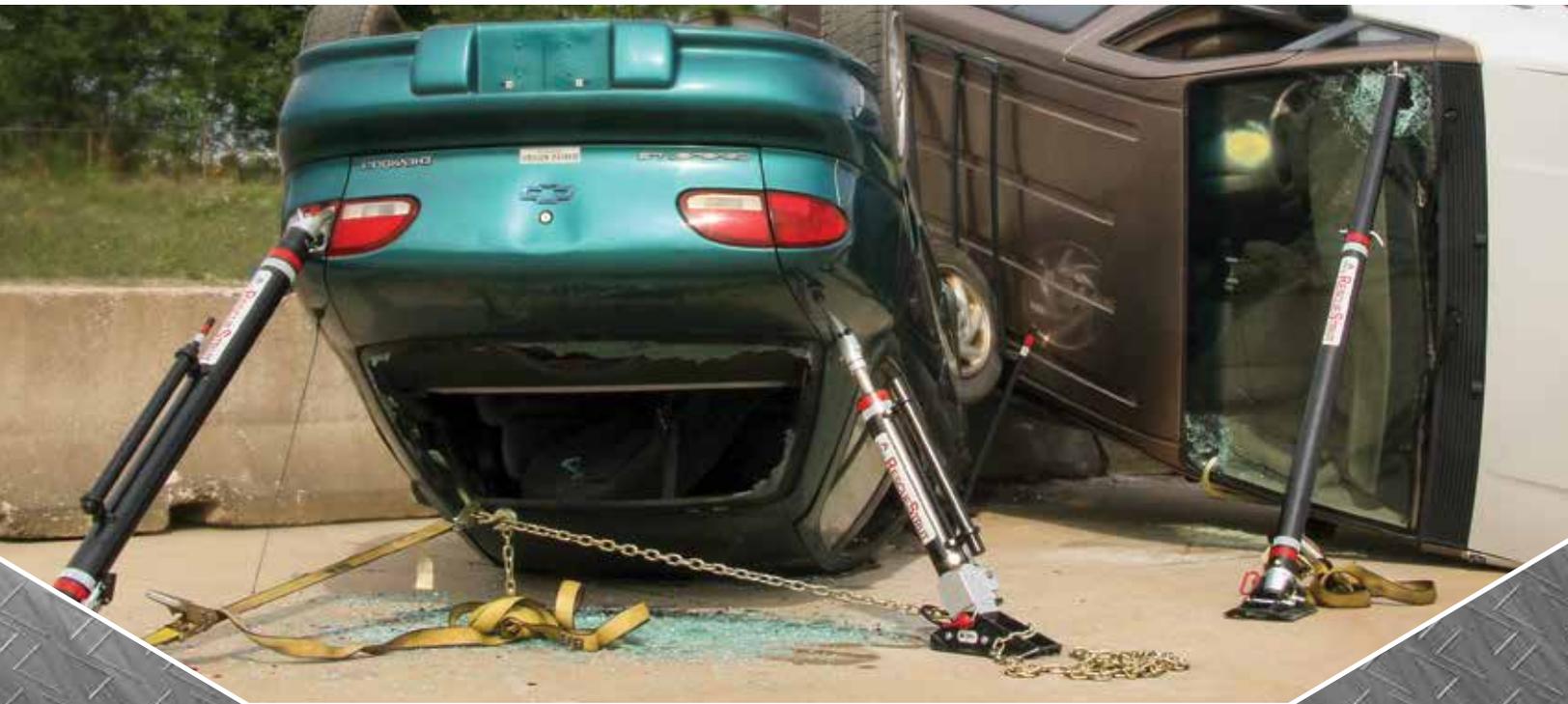


## GH2S2-XL POWER UNIT

*NFPA 1936 and EN13204 Compliant*

- Gasoline powered 4-cycle Honda® engine
- Two high pressure, 2-stage pumping systems
- Roll cage for protection and hose storage
- Two tools can be connected and operated simultaneously
- Two 2-way, 2-position selector valves
- High pressure, two-stage pumping system

Length	23.0 inches (584 mm)
Width	16.0 inches (407 mm)
Width (with one hose loop standard)	19.0 inches (483 mm)
Height	20.5 inches (521 mm)
Weight (ready-to-use)	114.0 lbs (51.7 kg)
<i>Includes gas, engine oil, hydraulic fluid and couplings.</i>	
Fluid Type	AMKUS MV-1 Mineral Base Hydraulic Fluid
Rated Output Pressure	10,500 psi (724 bar)
Hydraulic Fluid Reservoir Capacity	2.0 gals US (7.6 liters)
Delivery of pump, stage 1	1.20 gpm (4,542 cc/min)
Delivery of pump, stage 2	0.25 gpm (946 cc/min)



# RescueStrut System

## RescueStrut System

AMKUS now offers a complete RescueStrut telescoping and hydraulic system that's easy to deploy and use for vehicle stabilization, structural collapse, trench rescue and forcible entry. The tools are fully assembled and include a single pin adjustment for rapid deployment.

# RAPID RESPONSE



## TELESCOPING POWER

*The telescoping strut is available in multiple lengths with 10,000 lbs of holding capacity*

### RESPOND FASTER

- Units are fully assembled and include a single pin adjustment for quick response

### A SMARTER TOOL

- Don't get caught short...system telescopes to 110"
- Large anchor ring allows for multiple points for strap attachment

### MULTI-FUNCTION CAPABILITY

- A wide variety of strut heads are available that work across the entire RescueStrut family
- Strut base include multiple attachment points for maximum flexibility



## MORE THAN VEHICLES

*RescueStrut systems provide for easy horizontal and vertical shoring*

# RESCUESTRUT

## AMK-HLS16E HYDRAULIC STRUT

- 6,000 lb hydraulic lifting capacity at full extension
- Easy to adjust inner extension tubes
- Large and balanced carrying handle
- Large anchor attachment ring
- Multiple attachment options on foot plate
- Large assortment of accessories available

Lift Capacity	6,000 lbs (26.7 kN)
Stroke	15 or 12 inches (381 or 305 mm)
Weight	59 lbs (26.7 kg)
Min Height	61 inches (155 cm)
Max Height	100 inches (254 cm)
Min 2:1 Safety Factor	

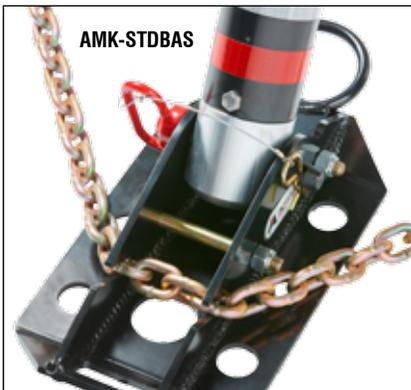
Hydraulic Strut  
AMK-HLS16E

## AMK-TAS45E TELESCOPING STRUT

- 10,000 lb holding capacity at full extension
- Simple single pin adjustability
- Fully assembled and ready to use
- Completely adaptable for vehicle stabilization, structure and trench support

Lengths Available	3 ft (.9 m)	4 ft (1.2 m)	5 ft (1.5 m)	6 ft (1.8 m)
Holding Capacity	10,000 lbs (44.5 kN)			
Weight	20 lbs (9 kg)	24 lbs (10.9 kg)	27 lbs (12.2 kg)	30 lbs (13.6 kg)
Min Height	36 inches (914 mm)	48 inches (122 cm)	60 inches (152 cm)	72 inches (183 cm)
Max Height	48 inches (122 cm)	70 inches (178 cm)	84 inches (213 cm)	110 inches (279 cm)
Min 2:1 Safety Factor				

Telescoping Strut  
AMK-TAS45E



AMK-STDBAS

### RescueStrut Foot Base

- Removable base with a large stable footprint
- Multiple attachment points, including chain slots and bull ring
- Accepts straps, chains, pickets, and stakes
- Chain not included

### Unique Locking Pin

- One piece flip lock spring pin means you'll never fumble with cotter keys again



AMK-SLAPIN



# RESCUESTRUT

## PACKAGES

The RescueStrut system offers multiple options of system components packaged together to solve tactical and departmental needs

### AMK-FSWA16 STANDARD PACKAGE:

- 2 - Hydraulic Lifting Struts
- 2 - Telescoping Adjustable Struts
- 4 - Tube Adapters
- 4 - Standard Heads
- 4 - Ratchet Straps
- 2 - 5/16 Grade 70 Attachment Chains
- 1 - 3/8 Grade 80 Lifting Chain
- 2 - Multi Hook Clusters
- 2 - 15 inch J-Hooks



Standard Universal  
AMK-HSTDUP



Ratchet Strap AMK-RCHTST



5/16 Chain AMK-C70516



3/8 Chain AMK-C80038



Multi Hook AMK-CLUSTR



J-Hook AMK-JHOOKC



Adapter AMK-UTADPT

Hydraulic  
Ram / Jack  
with Base  
AMK-HRJ16R



Waffle Pattern  
AMK-WAFLE



Rocker Panel Support  
AMK-RKRNL

## AMK-HRJ16R RAM JACK

- Hydraulic Ram/Jack with Base
- The shortest, most versatile lifting jack in the industry
- Allows application in confined spaces whether horizontal, vertical or angled
- Includes specially designed waffle head and rocker support panel

Lift Capacity	6,000 lbs (26.7 kN)
Weight	35 lbs (15.9 kg)
Length Closed	31.5 inches (800 mm)
Length Extended	46.5 inches (118 cm)

## Ram Jack Conversion Kit

- Converts hydraulic or telescopic struts into Ram Jack



Waffle Pattern  
AMK-WAFLE



Ram Jack  
AMK-RJCK16



Rocker Panel Support  
AMK-RKRNL

# RESCUESTRUT

## STRUT HEADS

All heads are interchangeable throughout the system and are made of hardened aluminum. Individual heads are engineered for specific uses like soft woods, chain supports or cradling. Large surface areas and angle correct designs deliver maximum contact, safety and performance



Standard Universal  
AMK-HSTDUP



Pyramid Pattern  
AMK-HPYRMD



Wedge Pattern  
AMK-HWEDGE



Duckbill Pattern  
AMK-HDUKBL



Waffle Pattern  
AMK-HWAFLE



Base Anchor Stake  
AMK-STAKE

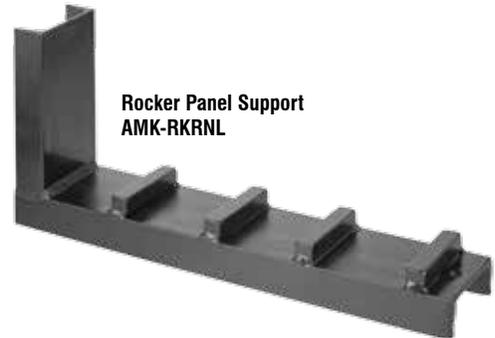
Picket Anchor Pin  
AMK-PIKET1



Adjustable Screw Head  
AMK-SCRHD



Stationary Base  
vertical/horizontal  
AMK-STACUP



Rocker Panel Support  
AMK-RKRNL

## STRUT ACCESSORIES

A wide range of accessory products allow departments to form a versatile and dynamic rescue system uniquely customized to their needs.



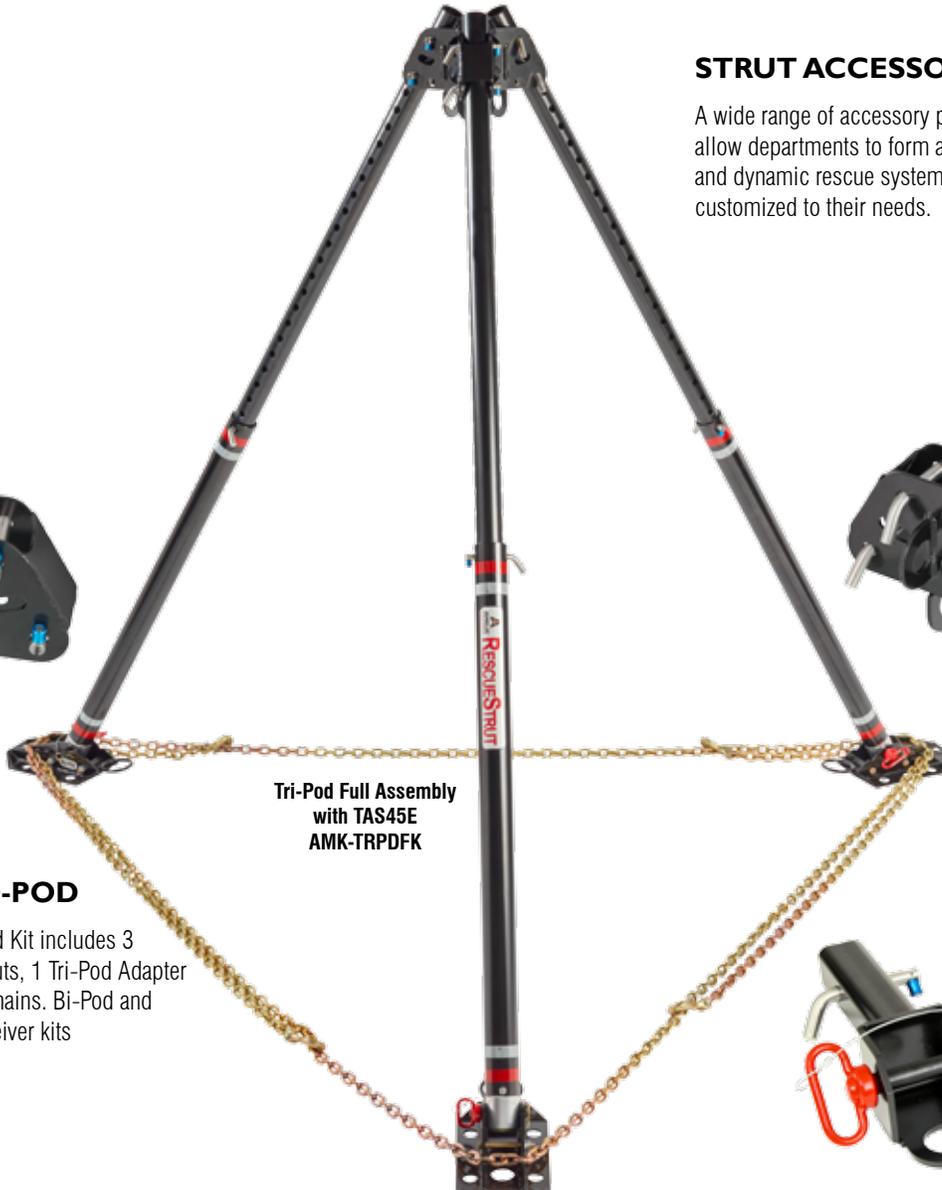
Tri-Pod Adapter  
AMK-TPODAD



Bi-Pod Adapter  
AMK-BPODAD

## TRI-POD, BI-POD & MONO-POD

The RESCUE STRUT Tri-Pod Kit includes 3 Telescoping Adjustable Struts, 1 Tri-Pod Adapter and 2 - 5/16 Attachment Chains. Bi-Pod and Mono-Pod adapter and receiver kits are also available



Tri-Pod Full Assembly  
with TAS45E  
AMK-TRPDFK



Mono-Pod Adapter  
and Receiver Kit  
AMK-MPODAD



**AMKUS**  
RESCUE SYSTEMS

Model: AMK-888101 (120)  
Part Number: 800000033  
Serial Number: 130001  
Date of Manufacture: 10/2012  
System Pressure: 15.8MPa (228psi)  
Reel Type: AMKUS 801

**CAUTION** **RESERVOIR** **REGULATION**

NEVER OPEN	NEVER OPEN	NEVER OPEN
TO THE	TO THE	TO THE
RESERVOIR	RESERVOIR	RESERVOIR
BEFORE	BEFORE	BEFORE
OPERATION	OPERATION	OPERATION
OR	OR	OR
REPAIR	REPAIR	REPAIR

# Reels and Hose

# REELS AND HOSE



**Electric Hose Reel  
Bumper Mount  
AMK-ERR-100BM**



**Electric Hose Reel  
AMK-ERR100**

## ELECTRIC REWIND HOSE REELS

- Electric motor can be mounted on any lower corner of the reel to nest reels vertically, horizontally, or side-by-side, saving valuable compartment space
- Reels include rugged aluminum collars on crimps, preventing bending and collapse which make it unnecessary to pull entire lengths of hose
- Available in 50, 100, 125, 150 or 200 foot lengths of hose
- All inside drums are reinforced
- Also available in manual version

Depth	21.0 inches (533 mm)
Width	19.0 inches (483 mm)
Height	21.6 inches (549 mm)
Weight	Varies By Application

## HOSE

- TOUGH Jacket™ hose is reinforced with high tensile steel wire braid and its polyurethane cover resists abrasions and tears
- Extension, pump, reel, pump to reel hoses all available in all lengths
- Available with standard or mono couplers
- Will not kink or crimp



**Extension Hose Blue  
with Mono Couplings  
KHC2BM-0240**



**Extension Hose Black  
with Dual Couplings  
KHC20D-0240**



**Extension Hose Red with Mono Couplings  
KHC2RM-0240**



**Extension Hose Yellow with Dual Couplings  
KHC2YD-0240**

**A WINNING PARTNERSHIP  
FOR OVER 30 YEARS**

In 1984 AMKUS conducted a demonstration of its extrication equipment for NASCAR and Daytona International Speedway staff in Daytona Beach at a hotel parking lot not far from the beach. AMKUS supplied rescue tools that year to the Daytona International Speedway and NASCAR... and a winning partnership was born. Today, Track Services Safety Teams carry a minimum of one AMKUS Rescue System tool at every NASCAR-sanctioned event.

In the 1990's AMKUS expanded its involvement in motorsports to supply all ISC (International Speedway Corp.) tracks with Rescue Systems. Many additional tracks from SMI (Speedway Motorsports Inc.) were also added such as Charlotte Motor Speedway, Texas Motor Speedway, Las Vegas Motor Speedway, New Hampshire Motor Speedway and Infineon.

In 2014 the AMKUS racing family expanded again, adding the NHRA (National Hot Rod Association) and GRC (Global Rally Cross).

We believe that our relationship with professional motorsports is the ultimate proving ground for AMKUS product innovation.



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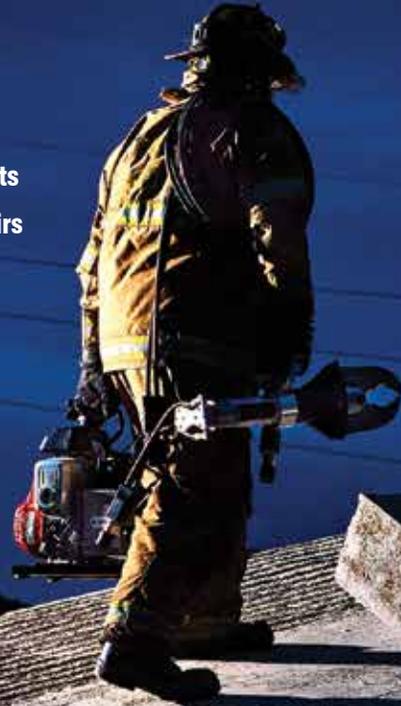
## WWW.AMKUS.COM

- Complete Product Overviews
- Specification & Operational Data
- Safety and Warranty Information
- Links and Resources
- News and Coming Events
- Dealer Locator

## SERVICE & TRAINING

*Your local Amkus dealer can provide:*

- Genuine AMKUS Replacement Parts
- Routine Service & Warranty Repairs
- Hands-on Rescue Tool Service Classes & Training Programs
- Field Service Seminars



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