

**Agency: Commerce, Community and Economic Development****Grants to Municipalities (AS 37.05.315)****Grant Recipient: Anchorage****Federal Tax ID: 92-0059987****Project Title:****Project Type: Equipment and Materials**

# Anchorage - Fire Department Battery Powered Extrication Equipment

**State Funding Requested: \$59,036****House District: Anchorage Areawide (16-32)**

One-Time Need

**Brief Project Description:**

Purchase 2 complete sets of battery operated extrication tools for the Anchorage Fire Department at \$29,518 for each set.
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**Funding Plan:**

Total Project Cost:	\$59,036
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$59,036)</u>
Project Deficit:	\$0

*Funding Details:**S700 Cutter Package (S700E Cutter, Charger, and 2 Batteries) - \$8973.00**SP300E Spreader Package (SP300E Spreader, Charger, and 2 Batteries) - \$9423.00**R411E Ram Package (R411E Ram, Charger, and 2 Batteries) - \$6723.00**These remaining items are those left at the station for "reserve":**3 - Batteries \$1350**3 - Chargers \$1284**3 - Plug Adapters \$1500**1 - Ram Extension \$265***Detailed Project Description and Justification:**

Throughout the Anchorage Bowl there are 4 Ladder Trucks and 2 Rescue units to serve the function of a "vehicle extrication" unit. When the report of a vehicle accident with entrapment is dispatched, the first arriving unit immediately assesses patient care and ensures there is no fire danger or any other impending danger to the occupant(s). Shortly after these initial steps are taken a unit carrying Hurst equipment "Jaws of Life" arrive with the sole purpose of cutting the occupant out of the car extricating the occupant to safety. 3 of these rescue capable apparatus have mounted or "hard-wired" pumps that provide hydraulic power to the tools allowing the firefighter to simply grab the tool and begin cutting/spreading. The remainder of our apparatus have a portable pump that is rather large and cumbersome requiring 2 firefighters to unload and carry to the scene, then returning to grab the tool that will be used.
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eDrainic Hurst Tools allow one firefighter to simply grab one tool and respond to the scene providing an extrication capability
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immediately without pumps or assistance. These tools do not require hoses or cords to operate either, this would be equivalent to the use of a power drill in your home. You prefer the cordless because of its mobility with the same efficiency of a power drill, but a cord is either in your way or you need to find an outlet. These tools have been used and trialed by Anchorage Fire Department Fire Fighters and have proven effective to their standards, thus showing that these tools will provide an assistance in the extrication of an occupant from vehicle saving crucial minutes.

**Project Timeline:**

2011 purchased and put into service

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Anchorage Fire Department

**Grant Recipient Contact Information:**

Name: John Drozdowski  
Title: Deputy Fire Chief  
Address: 100 E 4th Ave  
Anchorage, Alaska 99501  
Phone Number: (907)267-5091  
Email: droz@muni.org

Has this project been through a public review process at the local level and is it a community priority?  Yes  No



**ALASKA PROFESSIONAL FIRE FIGHTERS**  
*International Association of Fire Fighters, AFL-CIO, CLC*

P.O Box 111222, Anchorage, AK 99511-1222

Dear Representative Johnson

Here is a better breakdown of expenses to put a compliment of the new Husrt (Jaws of Life) Equipment in service for one fire truck:

S700 Cutter Package (S700E Cutter, Charger, and 2 Batteries) - \$8973.00  
SP300E Spreader Package (SP300E Spreader, Charger, and 2 Batteries) - \$9423.00  
R411E Ram Package (R411E Ram, Charger, and 2 Batteries) - \$6723.00

These remaining items are those that we leave at the station for "reserve":

3 - Batteries \$1350  
3 - Chargers \$1284  
3 - Plug Adapters \$1500  
1 - Ram Extension \$265

**Total for a complete Hurst eDraulics set: \$29,518.00**

<http://www.jawsoflife.com/Products/Default.aspx?ProductId=2340>

Please let me know if you have any questions.

**Brian Partch**  
Secretary/Treasurer  
907-441-6464

**Alaska Professional  
Fire Fighters Association**  
PO Box 111222  
Anchorage, AK 99511

800.537.2659

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- eDRAULIC Tools
  - Cutters
  - Spreaders
  - Rams
  - Hurst 5,000 PSI
  - Hurst High Pressure
  - Hurst Airshore
  - Hurst Vetter
  - Specialty Tools
  - Crash Recovery System

# HYDRAULIC POWER UNLEASHED



HYDRAULIC POWER UNLEASHED

STAND-ALONE OR SUPPLEMENTARY TOOLS

POWERED BY BATTERY OR CORD

Trust Hurst Jaws of Life when a life depends on you.

The Standard for Preparedness with maximum safety, consistency and rescue efficiency for 35 years.

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# BECAUSE YOU NEVER GET A SECOND CHANCE

**eDRAULIC Tools**

**Cutters**

Spreaders

Rams

- Hurst 5,000 PSI
- Hurst High Pressure
- Hurst Airshore
- Hurst Vetter
- Specialty Tools
- Crash Recovery System

**S 700E**

**Part Number(s):**

272080000

Developed for reality

With the S 700 E, we have developed a cutter in which blade opening and force application are perfectly matched to the relevant working range. In comparison with previous top cutters, the new S 700E reaches its greatest strength earlier, delivering its best performance at large diameters. This cutter was designed not only for current vehicle construction, but also built with advanced technology to perform on future vehicle generations with stronger and wider vehicle posts.

- \* Superior Curved blades for the perfect pull effect
- \* Optimized for current and upcoming vehicles with stronger and wider car posts
- \* More power where you need it... more cutting force in the relevant work area than previous top cutters
- \* Rescue without power units and hoses
- \* Ideal for operations involving major accidents or off-road rescues

Thanks to eDRAULIC™, rescue workers are freed of power units and heavy hoses - and can rely on superior performance when it counts.

**Technical Data**

Cutter Opening	7.1 in
Dimensions (l x w x h)	36.0 in x 11.8 in x 11.7 in
Weight (without power source)	54.8 lbs





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## eDRAULIC Tools

Cutters

Spreaders

Rams

Hurst 5,000 PSI

Hurst High Pressure

Hurst Airshore

Hurst Vetter

Specialty Tools

Crash Recovery System

### SP 300E

#### Part Number(s):

271050000

With this new, completely redesigned spreader, you have the freedom to operate in battery mode-which means the ability to perform rescues in even the most challenging environments. The option to plug in and power the tools with a cord allows for continuous operation. The SP 300E offers the perfect combination of strength and spreading distance.

\* Diamond tips for improved vehicle extrication

\* Ideal for operations involving major accidents or off-road rescues

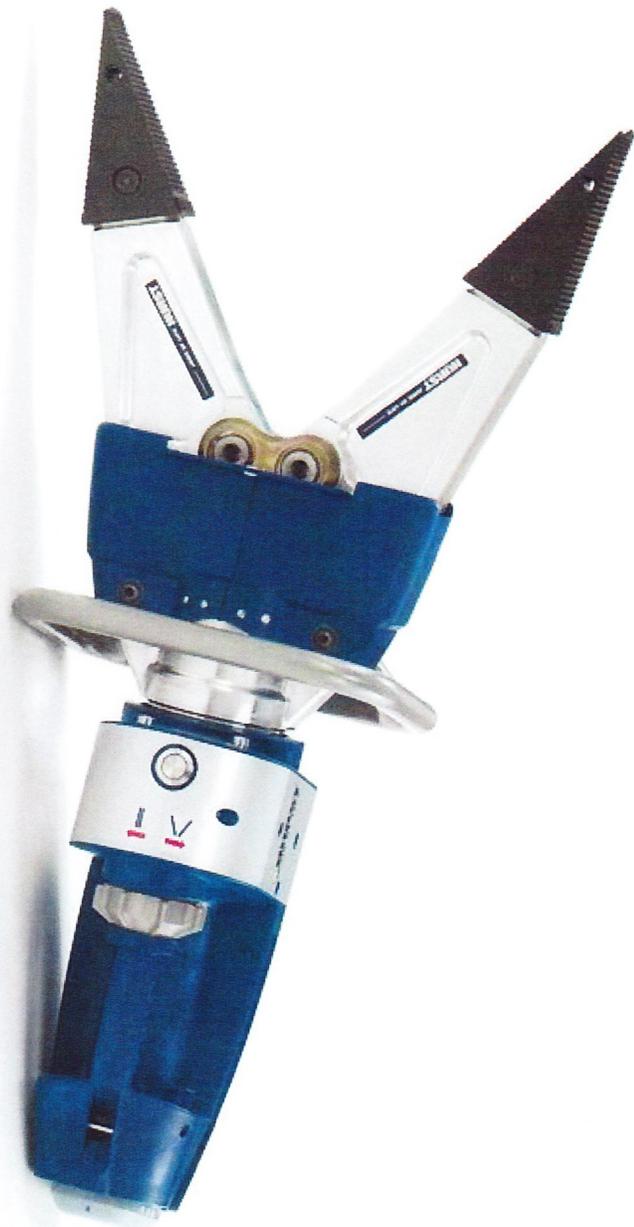
\* Extremely flat tips to penetrate the narrowest gaps

\* Special "diamond" surface finish for excellent grip



### Technical Data

Spreading Force	up to 25,000 lbs
Spreading Distance	23.8 in.
Pulling Force	up to 6,295 lbs
Pulling Distance	19.5 in
Dimensions (l x w x h)	32.7 in x 14.0 in x 11.5 in
Weight (without power source)	44 lbs





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- WARRANTY REGISTRATION
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- TRAINING
- VIDEOS
- FAQS
- HURST MERCHANDISE
- LINKS

**eDRAULIC Tools**

- Cutters
- Spreaders

**Rams**

- Hurst 5,000 PSI
- Hurst High Pressure
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- Specialty Tools
- Crash Recovery System

**R 411E**

**Part Number(s):**  
274080000

The R 411E is powerful, extremely compact and offers impressive strength. With the ability to operate in battery mode w/ a cord, this remarkable tool has power to spare. The claws at the two ends can be rotated by 360°, enabling you to apply the ram effectively in almost any rescue situation

- \* First rescue ram without hoses
- \* Impressive extended length of 47.2" when used with optional extension
- \* Ideal for operations involving major accidents or off-road rescues

**Technical Data**

Piston Stroke	14.1 in.
Force	23,180 lbs.
Retracted Length	21.3 in.
Dimensions (l x w x h)	21.3 in x 6.7 in x 10.4 in.
Weight (without power source)	37.4 lbs



