



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Request for Quote  
 Equipment

RECEIVED  
 04/14/21 12:49:42  
 WV PURCHASING DIVISION

<b>Proc Folder:</b> 844326			<b>Reason for Modification:</b> ADDENDUM NO_3 Vendor Questions and Responses Attach Updated Exhibit A Pricing Page
<b>Doc Description:</b> ADDENDUM NO_3 Hydraulic Hammer			
<b>Proc Type:</b> Central Master Agreement			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2021-04-08	2021-04-14 13:30	CRFQ 0803 DOT2100000107	4

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:** 000000204452

**Vendor Name:** West Virginia Tractor Company

**Address:** P.O. Box 473  
 214 Virginia Street West

**Street:**


**City:** Charleston

**State:** WV **Country:** US **Zip:** 25322

**Principal Contact:** Gary W. Grady

**Vendor Contact Phone:** 304-346-5301 **Extension:**

**FOR INFORMATION CONTACT THE BUYER**  
 John W Estep  
 304-558-2566  
 john.w.estep@wv.gov

**Vendor Signature X**  **FEIN#** 550621655 **DATE** 4-12-21

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION****ADDENDUM NO\_3**

Addendum no\_3 issued to publish and distribute the attached information to the Vendor Community

**REQUEST FOR QUOTATION:**

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Division of Highways to establish an open-end contract for a Rammer R16P or Equal Hydraulic Hammer. Per the Bid Requirements, Specifications, Terms and Conditions attached to this Solicitation.

**INVOICE TO****SHIP TO**

DIVISION OF HIGHWAYS  
EQUIPMENT DIVISION RT 33  
83 BRUSHY ROAD  
CROSSING, PO BOX 610  
BUCKHANNON WV  
US

DIVISION OF HIGHWAYS  
EQUIPMENT DIVISION  
83 BRUSHY FORK RD  
CROSSING  
BUCKHANNON WV  
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Hydraulic Hammer	5.00000	EA		

**Comm Code****Manufacturer****Specification****Model #**

22101700

Allied

As specified

R16P

**Extended Description:**

Open-End Contract for Rammer R16P Hydraulic Hammer or Equal

**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Pre bid @ 11:00am in Buckhannon	2021-03-24
2	Tech Questions due by 10:00am	2021-04-01

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ DOT2100000107**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

West Virginia Tractor Company

\_\_\_\_\_  
Company



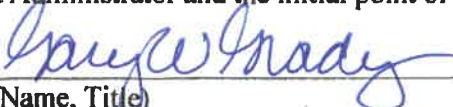
\_\_\_\_\_  
Authorized Signature

4-12-21

\_\_\_\_\_  
Date

**NOTE:** This addendum acknowledgement should be submitted with the bid to expedite document processing.

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 President

---

(Name, Title)  
Gary W. Grady, President

---

(Printed Name and Title)  
P.O. Box 473 Charletson, WV 25322

---

(Address)  
304-346-5301                      304-346-5305

---

(Phone Number) / (Fax Number)  
wvtractor@msn.com

---


(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

West Virginia Tractor Company

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(Company)

 President

---

(Authorized Signature) (Representative Name, Title)  
Gary W. Grady, President

---

(Printed Name and Title of Authorized Representative)

4-12-21

---

(Date)

304-346-5301                      304-346-5305

---

(Phone Number) (Fax Number)

**REQUEST FOR QUOTATION**  
**Class 548 Rammer R16P or Equal Hydraulic Hammer**

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accordance with the provisions contained in this Contract.

- 8.2 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.3 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

**Contract Manager:** Gary W. Grady  
**Telephone Number:** 304-346-5301  
**Fax Number:** 304-346-5305  
**Email Address:** wvtractor@msn.com

West Virginia Ethics Commission  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 6D-1-2)

West Virginia Tractor Company P.O. Box 472  
**Name of Contracting Business Entity:** \_\_\_\_\_ **Address:** \_\_\_\_\_  
Charleston, WV 25322

Gary W. Grady \_\_\_\_\_ **Address:** \_\_\_\_\_  
Charleston, WV

DOT21\*107 \_\_\_\_\_ **Contract Description:** \_\_\_\_\_  
Hydraulic Hammer

**Governmental agency awarding contract:** \_\_\_\_\_  
WVDOT-Highways

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (*attach additional pages if necessary*):

**1. Subcontractors or other entities performing work or service under the Contract**

Check here if none, otherwise list entity/individual names below.

**2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**

Check here if none, otherwise list entity/individual names below.

Gary W. and Chrstine Grady  
Steve B. Basham  
Susan T. Martin

**3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**

Check here if none, otherwise list entity/individual names below.

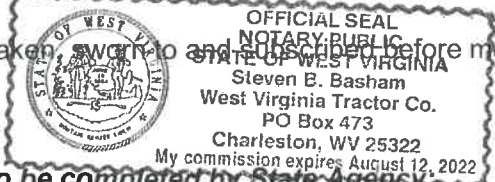
Signature: Gary W. Grady Date Signed: 4-12-21

**Notary Verification**

State of West Virginia, County of Kanawha:

I, Gary W. Grady, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken sworn to and subscribed before me this 12th day of April 2021.



Steven B. Basham  
Notary Public's Signature

**To be completed by State Agency**  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_



STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: West Virginia Tractor Company

Authorized Signature: *Travis Gray* Date: 4-12-21

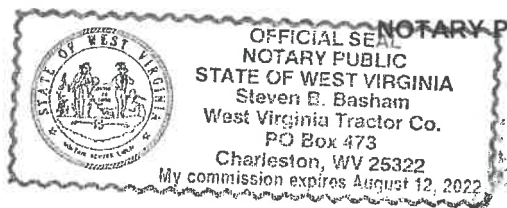
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 12 day of April, 2021.


My Commission expires August 12, 2022.

**AFFIX SEAL HERE**




*Steven B. Basham*

**VENDOR:** West Virginia Tractor Co **Class 548**

Item No.	Description:	Model & Part Number Being Bid	Estimated Unit Quantity	Unit Price	Item Total Cost
1	Rammer R16P Hydraulic Hammer or Equal	ALLIED R16 Rammer Part # 578764 with (4) demo tools as specified and jumper hoses		\$18,500.00	\$18,500.00
2	Complete mounting for Link Belt 145X3	MR 577185 Mount Bracket with hardened steel pins		\$ 3,700.00 -	\$ 3,700.00
3	Complete mounting for John Deere 135G	MR 577415 Mount Bracket with hardened steel pins		\$ 3,700.00 -	\$ 3,700.00
4	Complete mounting for Volvo EC140E	MR 577126 Mount Bracket with hardened steel pins		\$ 3,700.00 -	\$ 3,700.00
<b>Total Bid Cost</b>					<b>\$29,600.00</b>

**Bid Will Be Awarded To The Lowest Overall Bid Total For All Items**

**Vendor Information**

<b>Company Name:</b>	West Virginia Tractor Company
<b>Contact Manager:</b>	Gary W. Grady
<b>Address:</b>	P.O. Box 473 Charleston, WV 25322
<b>Phone:</b>	304-346-5301
<b>Fax:</b>	304-346-5305
<b>E-mail:</b>	wvtractor@msn.com
<b>Signature:</b>	



State of West Virginia  
**VENDOR PREFERENCE CERTIFICATE**

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

**1. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

**2. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

**3. Application is made for 2.5% vendor preference for the reason checked:**

- Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,

**4. Application is made for 5% vendor preference for the reason checked:**

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

**5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

**6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:**

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

**7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**

- Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

**8. Application is made for reciprocal preference.**

- Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

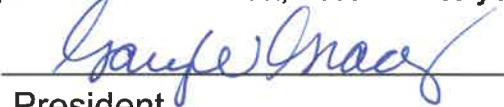
Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

**Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.**

Bidder: West Virginia Tractor Company

Signed: \_\_\_\_\_



Date: 4-12-2021

Title: \_\_\_\_\_

President

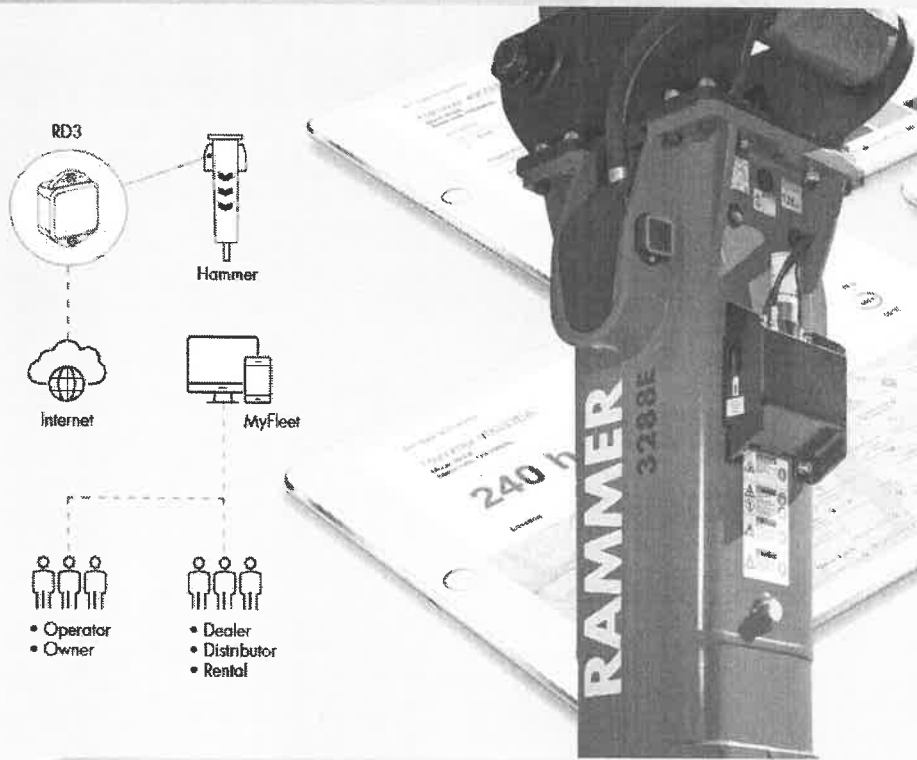


**ALLIED**<sup>®</sup>  
*Construction Products, LLC*



*Profit from our experience*

FULL-LINE PRODUCT BROCHURE



## RD3 Smart Features & MyFleet Platform

All of Allied's Rammer E series breakers are now equipped with one of the first ever remote monitoring system for hydraulic hammers. This GPS enabled fleet management tool offers complete visibility over your entire fleet from the comfort of your computer chair. No more do you need to have a special reading device and the specific RamData unit, you can now access all your information from the MyFleet platform online.

### Features:

- Remote Data Access allows you to retrieve the RamData III information from your computer
  - Information like Work Hours
  - Service Intervals
  - The GPS location of the unit
  - Even the operating temperature
- With MyFleet, you have 24/7 access to your fleet data
- Eliminate the guess work with MyFleet. You can know exactly how your hammer is being operated and utilized and you can have the real data you need to make informed decisions

## Rammer Excellence Hydraulic Impact Hammers (Small Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
155E	150	1,000-2,600	4-9	200	1.42	1,800-4,000
255E	200	600-3,200	4-9	240	1.57	2,600-5,500
355E	350	800-3,000	7-15	330	1.89	3,500-7,900
455E	450	700-2,600	11-19	510	2.20	6,000-11,500
555E	500	600-1,800	9-24	610	2.83	7,100-17,600
777E	750	500-1,700	11-32	850	3.15	9,500-20,900
999E	1,200	500-1,700	13-40	1,110	3.54	12,800-28,700

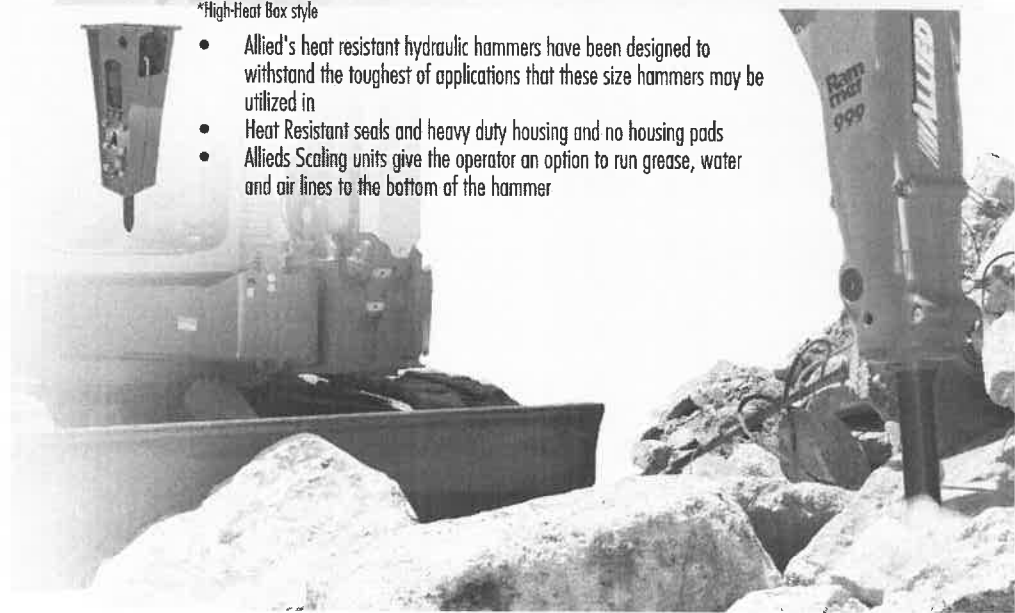
### Features:

- Integrated one-piece tool bushing design includes thrust ring, upper and lower bushing and dust seal all in one
- RamData III standard on all Excellence Line Hammers, GPS enabled
- Vibration dampening prevents carrier damage and improves operator comfort
- No tie rods for less maintenance
- Upgraded greasing bushings and thrust ring
- Higher Heat models available for 555, 777 & 999\* along with Scaler models

\*High-Heat Box style



- Allied's heat resistant hydraulic hammers have been designed to withstand the toughest of applications that these size hammers may be utilized in
- Heat Resistant seals and heavy duty housing and no housing pads
- Allied's Scaling units give the operator an option to run grease, water and air lines to the bottom of the hammer

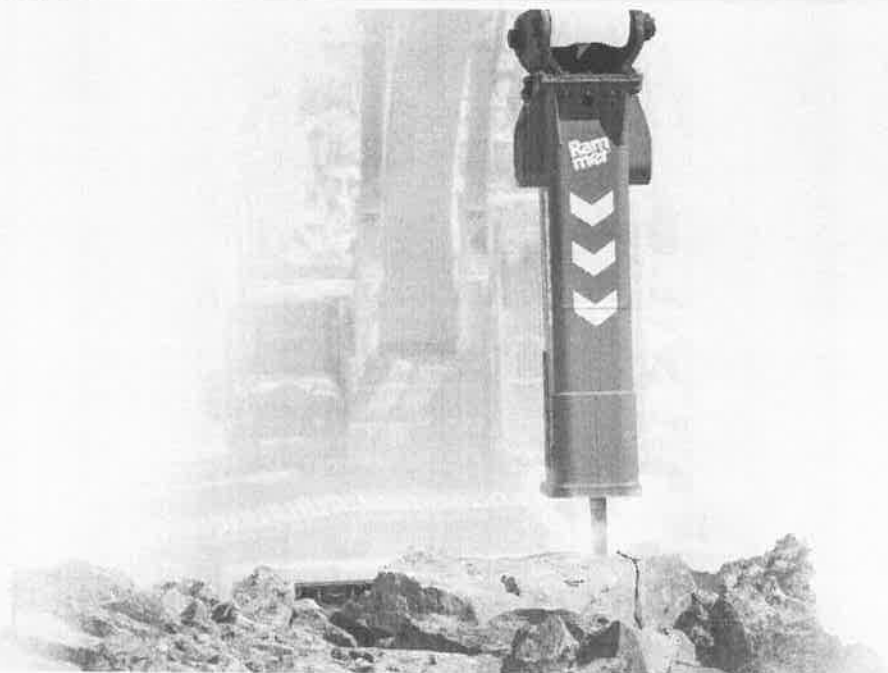


## Rammer Excellence Hydraulic Hammers (Large Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
2577E	5,000	450-750	37-53	3,880	5.31	46,300-70,500
3288E	8,000	370-630	42-66	5,290	5.59	57,300-92,600
4099E	11,000	400-560	66-93	7,450	6.54	75,000-121,300
5011E	13,000	370-530	74-100	10,470	7.48	94,800-176,400
9033E	18,000	300-520	95-121	16,310	8.46	149,900-264,600

**Features:**

- Sound-suppressed housing enhances use in urban areas and provides operator-friendly environment in the cab of carrier
- RamValve detects overflow and prevents damage from system overload
- VIDAT System includes vibration dampened tie rods that extend operating life, reduce operating costs and minimizes downtime
- Separate greasing channels from the valve body into the upper and lower bushing, which will increase the lifetime of the tool and bushings
- RamData III standard on all Excellence Line Hammers, GPS enabled
- Simple In-Field Lower Tool Bushing Replacement (Except on 9033E)



## Rammer Excellence Hydraulic Hammers (Mid-Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
1322E	1,600	500-1,000	16-32	1,870	3.74	19,800-33,100
1655E	2,500	540-920	24-34	2,400	4.53	26,500-44,100
2166E	3,500	430-790	32-48	3,090	4.92	35,300-57,300

**Features:**

- Slim housing provides operator with good visibility and better accessibility in trenching and demolition applications
- RamValve protects the hammer from damage due to excessive hydraulic input
- VIDAT System includes vibration dampened tie rods that extend operating life, reduce operating costs and minimizes downtime
- RamData III standard on all Excellence Line Hammers, GPS enabled
- Simple In-Field Lower Tool Bushing Replacement (Except on 1322E)
- Separate greasing channels from the valve body into the upper and lower bushing, which will increase the lifetime of your tool and bushings (Except on 1322E)
- Idle blow on/off switch at the top of valve housing makes it easier to adjust



### Rammer Performance Hydraulic Hammers (Small Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
R01P	200	400-1,400	4-6.6	209	1.57	1,800-4,400
R02P	350	450-1,400	4-10	290	1.81	2,900-7,300
R03P	500	600-1,200	6.6-13	400	2.09	4,400-9,700
R04P	600	550-1,050	8-16	630	2.36	6,600-13,200
R05P	800	400-1,050	9.2-18	720	2.68	8,800-16,500
R07P	1,000	450-950	12-24	880	2.95	11,000-19,800
R10P	1,200	450-900	13-25	1,170	3.35	13,200-26,500

Features:

- Nitrogen accumulator protects carrier's hydraulics for lower repair costs
- The way to service Performance Line Hammers allows for less downtime and more production, which equates to lower owning and operating costs for the customer

### Rammer Performance Hydraulic Hammers (Mid and Large Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
R12P	1,600	380-750	16-26	1,830	3.54	19,800-30,900
R16P	2,500	280-860	24-32	2,470	4.33	28,700-46,300
R18P	3,500	280-760	27-37	2,730	4.72	33,100-50,700
R25P	5,000	390-700	35-45	3,640	5.31	44,100-63,900
R35P	7,000	400-700	40-52	5,110	5.91	59,500-88,200
R45P	9,000	360-630	53-66	6,500	6.50	70,500-116,800

Features:

- Idle Blow Protection for R18P, R25P, R35P and R45P. Prevents idle strokes, which avoids internal stress thus extending life span, which improves owning and operating costs
- Standard automatic greasing systems for R18P, R25P, R35P and R45P. Easy to install, protects from premature wear of critical hammer components in order to keep peak performance and extended life span
- Ramdata II service indicator for R18P, R25P, R35P and R45P

### Ho-Pac® Vibratory Compactor/Drivers

Model	Impulse Force	Cycles Per Minute	Hydraulic Flow Required Range	Base Plate Dimensions	Working Weight	Recommended Carrier Weight
	lbs.		gpm	in.	lbs.	lbs.
400B	4,000	2,000	6/9/14/18	13 x 25	500	3,000-12,000
700B	6,400	2,000	6/9/14/18	18 x 27	750	8,000-20,000
1000C	8,000	2,000	12/18/21	24 x 28	1,120	9,000-30,000
1600	16,000	2,100	25/30/43	29 x 32	1,900	19,000-45,000
2300	24,000	2,100	47	34 x 36	2,900	35,000-120,000
4000	40,000	2,100	62/86	42 x 48	4,800	77,000-150,000

Features:

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- Sealed bearings (Model 400B, Model 700B and Model 1000C) or oil splash bearing (Model 1600, Model 2300 and Model 4000) provide maintenance-free (no greasing) lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction


### Skid-Pac™ Vibratory Compactors

Model	Impulse Force	Cycles Per Minute	Hydraulic Flow Required Range	Base Plate Dimensions	Working Weight	Recommended Carrier Weight
	lbs.		gpm	in.	lbs.	lbs.
1000C	8,000	2,000	12/18/21	18 x 72	1,110	4,000 (Minimum)

Features:

- Nine square foot base plate covers the outside width of the skid-steer tires or compact track loader tracks to eliminate marks in the soil
- The "beaver tail" front and back edges of the base plate "push" the soil to the sides of the sub bases

**Recommended Carrier Weight**



Allied Distributors are personally selected by the Allied staff and periodically reviewed to make sure they are offering the best, most informative service possible. They have made a commitment to Allied by being fully-prepared with repair tools,

knowledge and the best replacement parts in the business. Through this partnership, Allied continues to change with the markets and meets demands by supplying innovative and improved products to the end-users.



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Form No. Full-Line 12/19-5M





## New RAMMER® Large/ Medium Series Hammer Limited Warranty

### WHAT IS COVERED

Allied warrants to owners of new RAMMER® Hammers that, after delivery and placement into service by the first user, the authorized Allied Distributor in whose service area the unit is operated will repair or replace any part that fails as the result of a defect in material or workmanship under normal use according to the following schedule:

### WARRANTY COVERAGE

Item	Months	Parts	Labor
Hammer	0 - 12	No Charge	No Charge
Valve Body, Cylinder & Front Head	13 - 60	Prorated	Not Covered
Original Installed	0-12	No Charge	No Charge
VIDAT Tie Rods	13-18	No Charge	Not Covered

### WHAT IS NOT COVERED

This warranty does not cover:

- conditions which in the reasonable judgement of Allied, arise from misuse, negligence, alteration, accident, lack of performance of necessary maintenance, or prolonged improper storage;
- normal maintenance service or the replacement of expendable service items in connection with normal use, wear and tear (such as, hoses, seals, tool bushings, housings, wear plates, buffers, pins, membranes and like items);
- damage due to operation with hydraulic flow, pressure or temperature in excess of levels recommended by RAMMER®; Incorrect or unapproved lubricants;
- claims for loss of time, inconvenience, loss of use of the product or other consequential damages; transportation to and from the end-user, service calls, travel time, travel expenses are not covered under warranty;
- demolition tools (which are warranted 30 days against defects in material and workmanship. Abuse, Incorrect or lack of lubrication, improper use or operation is not covered under warranty. Special application tools are not covered under warranty. Purchased Ramlube, CML and HML lubricators and componets carry a 30 day warranty.

### DISTRIBUTOR RESPONSIBILITY

- required to register the attachment when delivered to the end-user (Demo, Rental, Sale, and Lease)
- present and ensure the end-user understand the warranty and coverage for the attachment they are purchasing, demonstrating, leasing or renting.
- use genuine Allied Rammer parts procured through Allied Construction Products during the warranty period and when performing warranty repairs

### OWNER/END-USER RESPONSIBILITY

The owner is responsible for:

- proper hammer operation and the performance of regular maintenance service as specified in the applicable product manuals;
- use of only approved replacement parts and demolition tools;
- immediately removing the product from service to prevent additional or subsequent damage if a problem develops.

***This limited warranty is expressly in lieu of any other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular purpose, and any non-contractual liabilities including product liabilities based upon negligence or strict liability. Allied does not authorize any other person to create for it any other liability in connection with this product.***

**Allied Construction Products, LLC  
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