

SAFETY

OPERATING &

MAINTENANCE

INSTRUCTIONS

BURNDY® HYPRESS™

Y750BH



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**FCI BURNDY®
Products**

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WARRANTY

The BURNDY® Y750BH HYPRESS™ is warranted to be free of defects in materials and workmanship for a period of 5 years, except in the case of abuse or modification.

Any BURNDY® Y750BH HYPRESS™ found to be defective in material or workmanship and returned to the FCI Tool Service Center within 5 years of shipment will be repaired or the tool will be replaced free of charge at the option of the FCI Tool Service Center.

After 5 years, units will be repaired and billing will be based on a sliding scale according to how long the unit has been in service.

Any BURNDY® Y750BH HYPRESS™ returned for repair must be shipped prepaid to the FCI Tool Service Center, 150 BURNDY Road, Littleton, New Hampshire, USA 03561. On your packaging slip indicate the nature of the repair required (or describe the problem) and the number of the purchase order requesting service. Please provide a contact name and phone number in the event we need to call you regarding the repair or service.

FCI USA INC. , herein after referred to as FCI, disclaims all other warranties, expressed or implied, including without limitation the warranties of merchantability and fitness for a particular purpose.

Only crimp dies and accessories designed and manufactured by FCI are recommended for use with the BURNDY® Y750BH HYPRESS™. Use of non-BURNDY®, non-conforming products with this tool shall be deemed abuse and will void the warranty.

FCI will not under any circumstances be liable for the cost of removal or reinstallation of goods or the cost of disassembly or reassembly of equipment in connection therewith, or for the loss of the use of the Buyer's equipment or facilities, or for the loss of business or good will or profits, or for the cost of inspection or storage, or for any incidental or consequential damages of any nature or description whatever which may arise from FCI's sale of goods to Buyer.

For information, contact: FCI TOOL SERVICE CENTER
 150 BURNDY Road
 Littleton, NH 03561
 or call, toll free 1-800-426-8720

Additional or replacement manuals may be obtained at no charge from the FCI Tool Service Center.

SAFETY INFORMATION



The above symbols are used to call your attention to instructions concerning your personal safety. Look for these symbols; read and follow the instructions that accompany them. Failure to follow the safety information provided can lead to serious personal injury or death.

SAFETY FIRST

WARNING



The information provided in this manual is essential for the safe handling, operation, and maintenance of a BURNDY® Y750BH HYPRESS™. The operator must read, understand, and follow these instructions and ALL safety warnings and labels before operating these tools.

Use these tools only in accordance with the manufacturer's specifications. Other use of these tools may lead to serious personal injury or death.

Each employer shall instruct each employee and user in the recognition and avoidance of unsafe working conditions and the laws and regulations applicable to his/her work environment to control or eliminate any hazards or other exposure to illness or injury. Reference: OSHA 29CFR 1910 etseq. (latest revision).

If a conflict arises between the material contained in this manual, rules of the user, his/her employer or company, and legal or industry guidelines the more stringent rules take precedence and must be followed. Observe and follow all other safety rules and regulations for the job. Safety is everyone's responsibility.

OPERATING SAFETY PRECAUTIONS

WARNING



Tools are NOT insulated for use on or near energized conductors. Use of these tools near energized conductors may lead to electrical shock, causing severe injury or death. Do NOT use these tools near energized conductors without adequately insulating operator and surroundings.



Pinch Point hazard. Crimp ram can operate at high speed and force and can cause severe personal injury. Keep all body parts away from moving parts of the tool when connected to a hydraulic power source or during operation.



Hydraulic fluid under pressure. Do NOT use any part of your body to locate a hydraulic leak. Escaping fluid under pressure can cause severe injury or death. If injury results from escaping hydraulic fluid, seek immediate medical attention to avoid serious bodily injury.



Do NOT over-reach while operating this tool. Loss of balance can cause serious personal injury or death. Move closer to work area and securely support yourself and your work. ALWAYS keep proper footing and balance.

⚠️ WARNING



Use all appropriate personal safety equipment when handling, operating, and servicing this tool such as: safety shoes, hard hat, eye and ear protection, work gloves, and long sleeves.

DESCRIPTION

The BURNDY® Y750BH HYPRESS™ is designed for remote power operation and incorporates the same C-shaped head as the Y750. The hook style head with extensive ram travel provides for easy tapping and splicing of overhead lines as well as HYGROUND™ compression grounding systems. The remote operated Y750 heads are available covered with 3/16" molded rubber cover for tool impact protection.

FEATURES AND BENEFITS

Features	Benefits
- Open C shaped head	- Easier removal from line conductor
- Positive die lock buttons	- Secure die alignment
- Heavy duty reinforced back	- Long life expectancy
- Quick disconnect hydraulic fitting	- Faster assembly and disassembly
- Lifting eye	- Easier lifting into working position

SPECIFICATIONS - TOOL

Output Force: 12 tons (24,000 lbs) (9072 kg)
 Weight: 8lbs. (3.6 kg)
 Operating Pressure: 10,000 lb/in² (68.9 MPa)
 Overall height 9 1/4 in (235 mm)

PRE-OPERATION INSTRUCTIONS

⚠️ WARNING

Read and follow all PRE-OPERATION and safety instructions provided for your BURNDY® Y750BH HYPRESS™. Failure to follow the proper operating instructions and safety information provided can lead to serious personal injury or death.

Any hydraulic power source used to operate this tool must meet the requirements for the tool as outlined in the tool specification portion of this manual to avoid damage to the tool and serious personal injury.

CAUTION

Follow these PRE-OPERATION instructions to ensure your tool is in proper working condition. If your tool does not exhibit normal functions as described below, see the TROUBLESHOOTING section. We recommend only Burndy® connectors be installed with the BURNDY® Y750BH.

CONNECT THE TOOL TO A POWER SOURCE

After removing the tool from the shipping case, remove the dust covers from the pump hose(s) and tool. Wipe all the mating couplers with a clean cloth. Connect the hydraulic hose(s) between the pump and tool by pushing the male and female halves together and tightening the threaded sleeves. Make certain that all fittings are tight and secure before operation.

INSTALLING DIES

Slide dies into position to lock.

BLEEDING AIR FROM SYSTEM

Once the couplers are secure and the dies installed, it is recommended that any trapped air be bled from the tool. Place the tool on its side or upright in a position lower than the pump. Make sure that the head is properly latched. Operate the tool for approximately three (3) or four (4) cycles. After bleeding the air and checking each die for proper installation, the tool is ready to use.

OPERATION

- 1) Select the connector to be crimped. Confirm that the correct die and connector are selected by matching the die index number engraved on the die to the number shown on the BURNDY® connector.
- 2) Place the connector with the conductor into the upper die half.
- 3) Activate the pump; when the die halves meet and the proper pressure is obtained the pump will cycle and the hose will relax. Consult the pump manual for the exact features of the pump being used. The ram will retract when the pump is turned off.
- 4) Overlap the crimps for best results. Repeat the above steps until correct number of crimps have been completed for each connector installed.

MAINTENANCE

PREVENTIVE MAINTENANCE

CAUTION

Failure to perform regular maintenance tasks could result in bodily injury and/or property damage.
Use only clean BURNDY® ALFLUID™ for the pump, hoses and tools. Never use hydraulic brake fluid, as it can damage seals and cause leaks.

The service life of a tool can be greatly improved with proper care and maintenance. To extend the life of your BURNDY® Y750BH, follow the recommended maintenance tasks outlined below.

DAILY

1. Keep all tool surfaces free of grease, dirt and foreign material. Avoid contact of movable parts with abrasive materials, (oxide inhibitors of some connectors, sand, soil, dust, etc.) as they could induce abnormal wear.
2. Inspect the tool for signs of cracks, wear, or damage.
3. Wipe the tool, including all fittings with a clean, dry rag before placing the tool back into the case.

CONNECTOR AND CABLE APPLICATIONS

Tension sleeves	Copper	#8 sol-500 kcmil
	Aluminum	#6 sol-636 kcmil
	ACSR	#4 - 556.5 (26/7)
Taps	ACSR	#14 - 556.5 918/1)
Aerial Cable	Copper	#6 str - 500 kcmil
Connectors	Aluminum	#4 str - 600 kcmil
Code Conductors	Copper	#8 str - 750 kcmil Term (400 kcmil splices)
	Aluminum	#6 str - 750 kcmil Term (400 kcmil splices)
HYGROUND™ Compression Grounding	Copper	#6 - 500 kcmil
	(cable/cable)	
	Copper (cable/grd. rod)	#6 - 250 kcmil
	Ground Rods	1/2 in - 3 1/4 in

SERVICE

⚠️ WARNING

We do not recommend that you attempt to service or repair any tool yourself. Tool servicing by unqualified personnel will void the warranty and may lead to serious personal injury.

DISASSEMBLY OF THE TOOL IS NOT RECOMMENDED. SHOULD YOU HAVE ANY QUESTIONS ABOUT YOUR BURNDY® Y750BH HYDRAULIC TOOL, PLEASE DO NOT HESITATE TO CONTACT THE CUSTOMER & TECHNICAL SERVICE DEPARTMENTS BY CALLING 1-800-451-4956 OR CONTACT THE FCI TOOL SERVICE CENTER FOR SERVICING AND REPAIR RELATED QUESTIONS AT 1-800-426-8720.

TROUBLESHOOTING

It is not recommended that the end user attempt to perform repairs on this tool, as specialized repair tools, training, and/or procedures may be required.


Should you have any questions or problems with your BURNDY® hydraulic tooling, please do not hesitate to contact the Customer or Technical Service Departments by calling 1-800-451-4956 or the FCI Tool Service Center for tool servicing and repair related questions at 1-800-426-8720.

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	REMEDY
Ram does not advance.	<ul style="list-style-type: none"> - Hose or pump connection not securely fastened. - Pump is damaged. 	<ul style="list-style-type: none"> - Tightened securely. - Refer to pump manual.
Ram does not fully extend to head closure.	<ul style="list-style-type: none"> - Insufficient hydraulic fluid. 	<ul style="list-style-type: none"> - Refer to pump manual.
Ram advance is erratic	<ul style="list-style-type: none"> - Air in hydraulic fluid 	<ul style="list-style-type: none"> - Refer to bleeding air from system section.

If you have any questions about the suitability of any connector, or any other questions relating to your Burndy® Tool please call FCI Technical Service Department at 1-800-451-4956

FOR INFORMATION WRITE OR CALL:

 150 Burndy Road
Attn: Tool Repair Center
Littleton, NH 03561
Telephone: 800-426-8720

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