

**Item #:BRCT-32/350** **Description:** DragonForce Hydraulic Combination Rescue Tool

The DragonForce BRCT-32/350 Combination Rescue Tool can be used for spreading, cutting pulling and crushing. The combination tool is manufactured and certified to ISO 9001 -2008 EN 13204 complies with German TUV standards. The tool consists of tool body, cutting and spreading jaws, rotating twist grip handle and hydraulic connection hoses.

The tool's ergonomic design and safety features provide excellent balance and ergonomically functional tool control.



<ul style="list-style-type: none"> <li>Maximum spreading distance 350 mm</li> <li>Maximum spreading force 6 T</li> </ul>	<ul style="list-style-type: none"> <li>Maximum pulling distance 230 mm</li> <li>The optional spreader chain adaptor set, including clevis hooks ,chain and adaptors are tested, certified and tagged to AS/NZ 3775.1</li> </ul>
<ul style="list-style-type: none"> <li>Maximum Cutting Force 32.5 T</li> <li>Maximum pulling force capacity – 5.5Kn</li> </ul>	<ul style="list-style-type: none"> <li>Rated operating pressure @ 630 Bar</li> <li>Ideal for rapid forcible entry</li> </ul>

**Information:**

Dimensions: L x H x W mm	730x 210 x170 mm
Weight: Kg	14 Kg
Warranty:	2 Years
Standards/Approvals:	ISO 9001-2008/EN 13204
Manufacturer:	Aolai
Country of Origin:	China

Service Intervals	12 months
Rated operating pressure	630 Bar
*Operational /Service life expectation	10 Years

\* Operational/Service life Expectation is an estimation of the whole of life period of each product when installed, maintained and serviced according to the manufacturers recommendation or their warranty conditions. This information is provided as an indicative guide only and in no way implies or suggests an extended warranty or any responsibility of the manufacturer or BRT Fire and Rescue Supplies beyond the nominated warranty period.



## **Operation:**

### **Important Safety Information!**

Full PPE should be worn with protective eyewear down whilst connecting and operating hydraulic rescue tools.

- 1) Lay tool on a flat stable surface; 2) Check hose couplings are clean and no debris or dirt is present, Mate hoses. Male to female - female to male.
- 2) With the pump motor on, turn pump operating lever in the appropriate tool position.
- 3) Check that all personnel and hydraulic hoses are clear and away from the spreading blades
- 4) Commence operation
- 5) The tool is controlled by twisting handle to the right to open and left to close the blades as required

- 6) . Always ensure cutting spreader tips are left slightly open prior to disconnecting tool from hose couplings. Never leave hydraulic tools in fully closed or opened position as change in temperature may damage cause damage to the hydraulic seals and the tool.
- 7) When spreading or pulling; ensure that spreader tips are founded as best as possible to reduce the tool slipping under load.
- 8) The spreading tips should be as square to the material edge as possible to produce the best tool performance and result.
- 9) Manage sharp edges that may result caused by spreading materials
- 10) After operation return jaws to a neutral position ensuring that the tip opening is at least 10 mm.

## **Testing and Maintenance:**

Tools should be checked after the completion of each rescue or training operation visually to ensure there are no obvious defects or damage to the tool.

Ensure tools, hose, couplings are clean and dust caps are on prior to being stowed.

Tools and accessories should be checked and tested annually by a qualified technician.

## **Safety:**

### **Important Safety Information!**

Full PPE should always be worn with protective eyewear down whilst connecting and operating hydraulic rescue tools.

The operator should never position themselves between the tool and the vehicle or any other immovable surface to prevent accidental crushing.

