



Global Suppliers to Ashtead Technology



Marine Rotary Hoe



A new tool to our product range, designed specifically for dredging in difficult soils that may be hard or very 'sticky' where water jetting has up till now been the only option. The principle here is to mechanically break up the soil composition and fluidize it in the same motion so it can be sucked away through the mouth of the tool.

This tool retrofits to the suction inlet hose of our existing 3, 4 and 6-inch dredges with simple cam locks and adapter as shown.

Specifications:

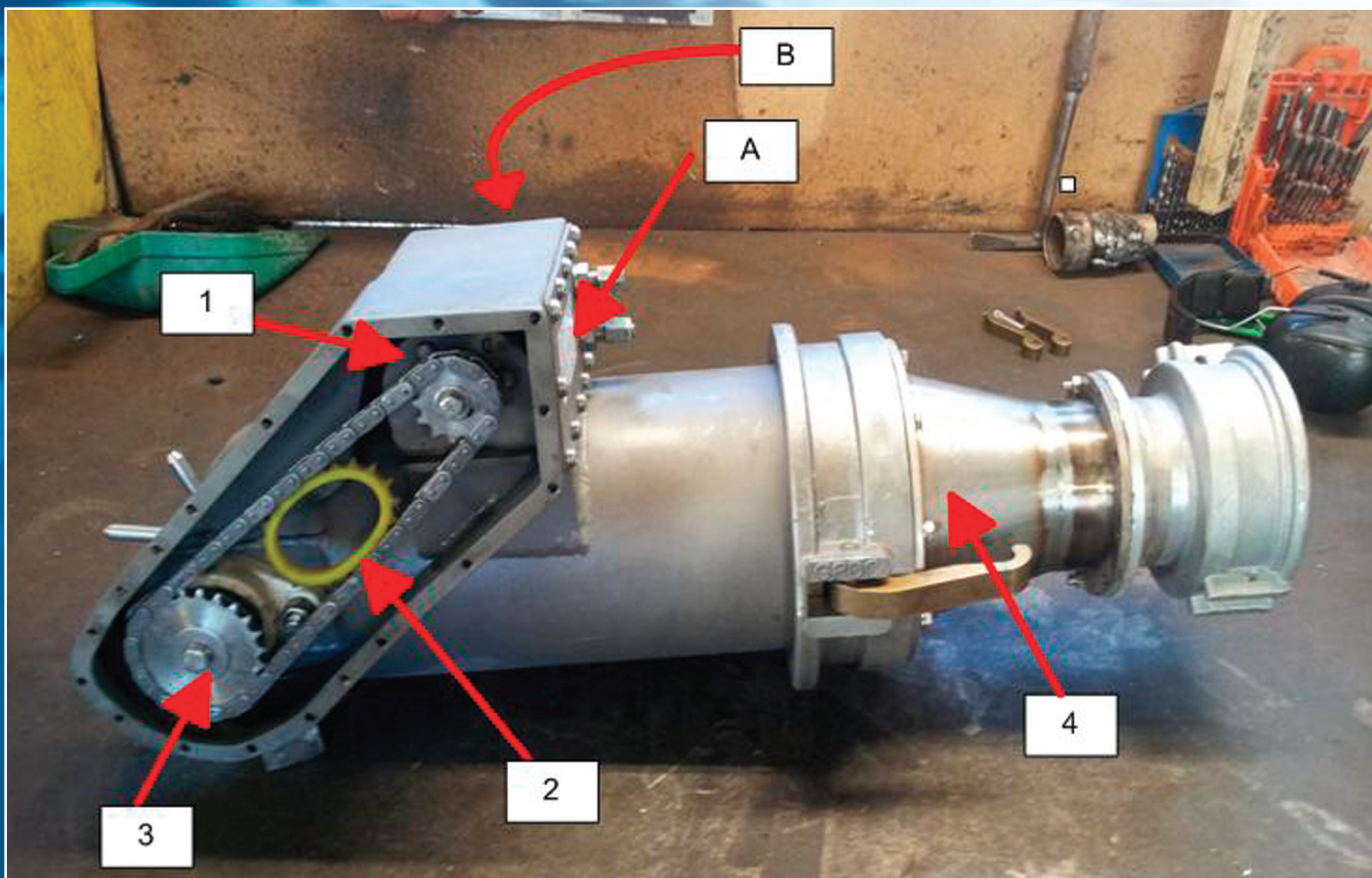
- Weight = 23 kg
- Hydraulic supply = 20 lpm (5 gpm) and 103 bar (1500 psi)
- Tyne rotation = 250 RPM
- Rotational torque = 30 ft / lb (40 Nm)
- 6-inch (150mm) inside diameter
- Officially tested on land in AP 40 crushed aggregate (rocks and sand) at 100 to 150 kPa
- Officially tested on land in volcanic ash / clay soils at 90 kPa
- Self clearing tynes
- Self adjusting linkages
- Environmentally friendly bearings - no oil
- Supplied as stand alone tool with hydraulic hoses, pressure reducing cross port relief valve, cam lock adapter to suit host dredge system and ROV handle

* Specifications are subject to change without notice.

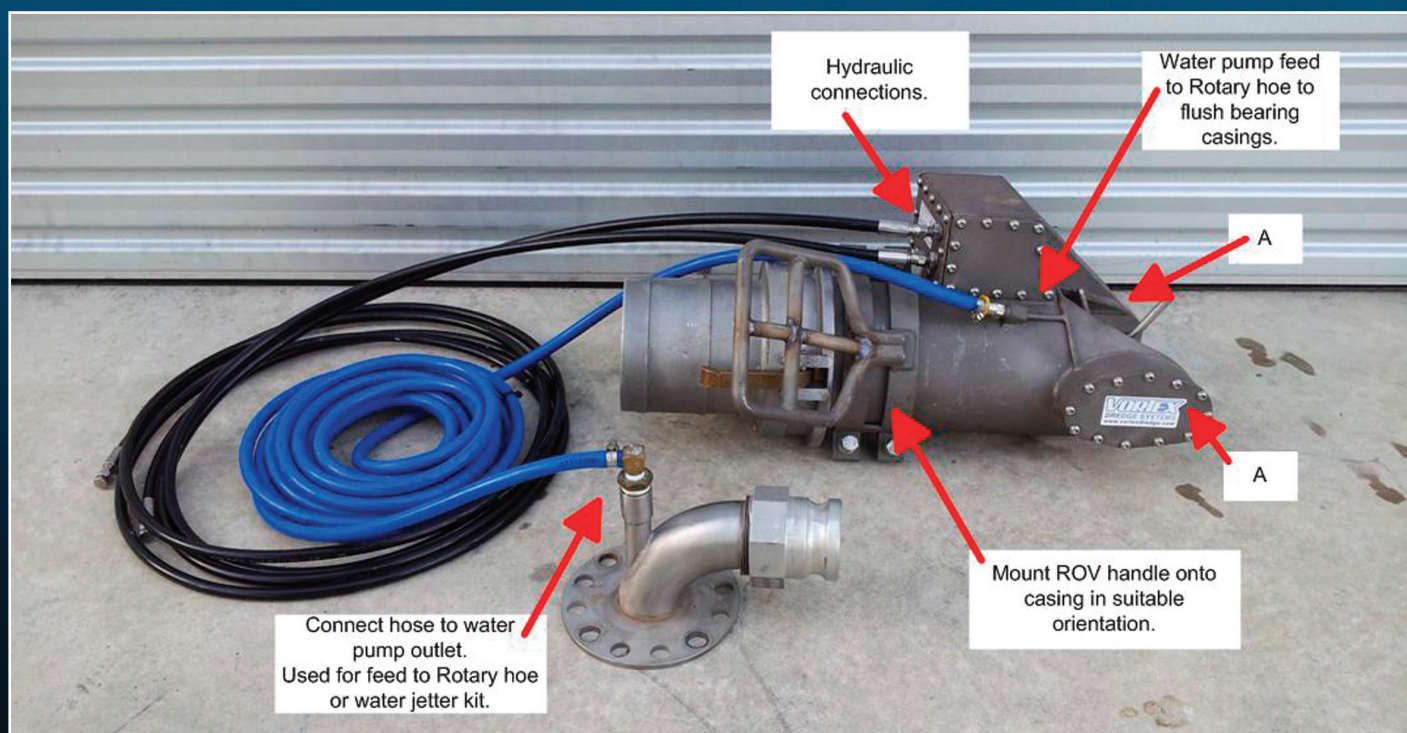
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Shown are: hydraulic motor (1) automatic chain adjuster (2) and drive sprocket (3) and 6-inch to 4-inch reducer. Servicing hydraulic motor and further chain adjustment can be achieved by removing drive sprocket, cover plates A and B.



The purpose of the blue hose is to feed 'clean' water from the water pumps into the bearing casings to keep them slightly pressurised and prevent debris building up inside the bearing housings. Bearings are stainless steel roller spherical bearing need greasing after 8 full hours of use and can be accessed through each side cover panel (A).

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