



### SunBrush Rapid Excavator Requirements

Name:

Date:     /     /

Company:

Address:

Phone:

Email:

**Brand and Model of Excavator :** \_\_\_\_\_

**Excavator needs Unladen weight greater than 6750lbs for 10ft Rapid**

**Excavator needs Unladen weight greater than 9000lbs for 15 Rapid**

**Excavator needs Unladen weight greater than 15000lbs for 25ft Rapid**

### Hydraulic Requirements

Please ensure the excavator has 1 x double acting service that can be fixed to continuous circulation, so operations are possible simultaneously.

Hydraulic feed : min 7.9 gpm, max 10.5 gpm at approx 3000 psi

Hydraulic return : free flow return directly into the tank is required

Hydraulic fittings on Excavator: (Please tick)

☐

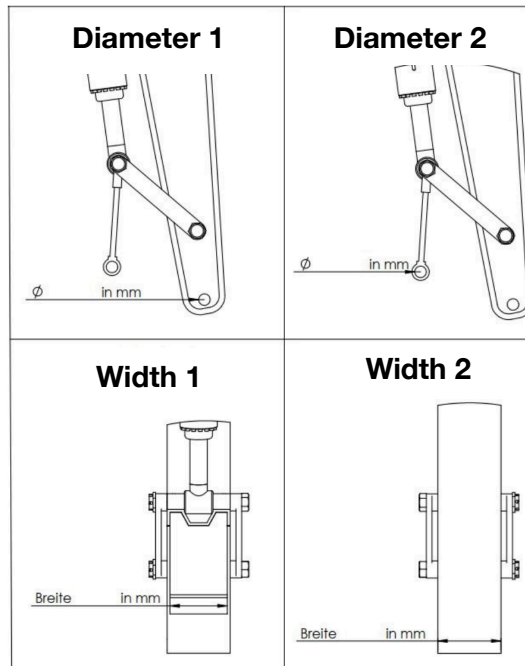
Size: \_\_\_\_\_

Or

☐

Size: \_\_\_\_\_

## Mounting Dimensions



**Diameter 1:** (inch or mm) \_\_\_\_\_ **Diameter 2:** (inch or mm) \_\_\_\_\_

**Width 1:** (inch or mm) \_\_\_\_\_ **Width 2:** (inch or mm) \_\_\_\_\_

## Electrical Requirements



**In Cab:**

- 1 x 12V, 25 Ampere, 3 Pin Plug.
- For control unit.

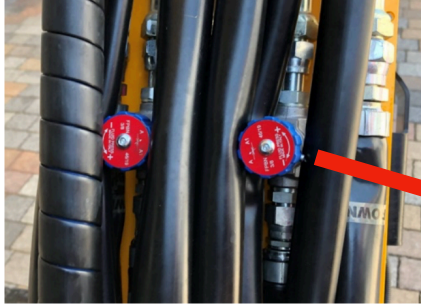
**External:**

- 1 x 12V, 25 Ampere, 3 Pin Plug
- Can switch On/Off from the cab.
- For Electric Water Pump.



## **2 x Throttle Valves**

- Adjustable throttle valves must be installed on both hydraulic lines of the ram on the dipper arm. This enable adjustment and limitation of the hydraulic flow to the ram, allowing smooth and safe operation of the rapid.



**Boom  
Cylinder**

## **1 x Ball Valve**

A ball valve must be installed in the hydraulic line of the dozer blade. So that the cylinder can not extend, and dozer blade drop once the 220Gallon IBC is filled.



**Name:**

**Signature:**

**Date:**