

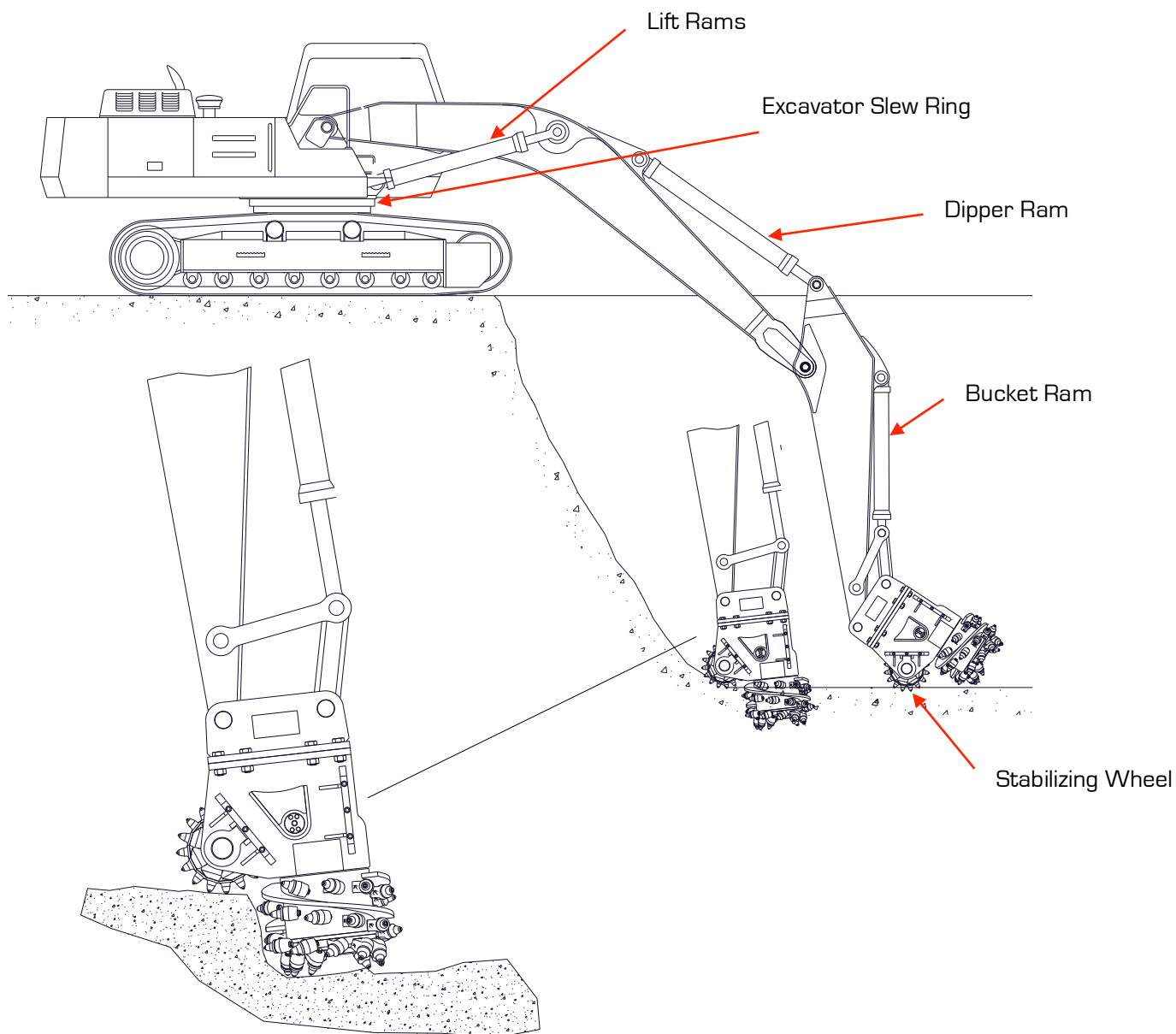
## TECHNICAL SPECIFICATIONS ROCKWHEEL TC30

The Hydraulic Cutting Unit Rockwheel TC30 is specially designed for narrow trenching using 22 to 38 tons excavators.

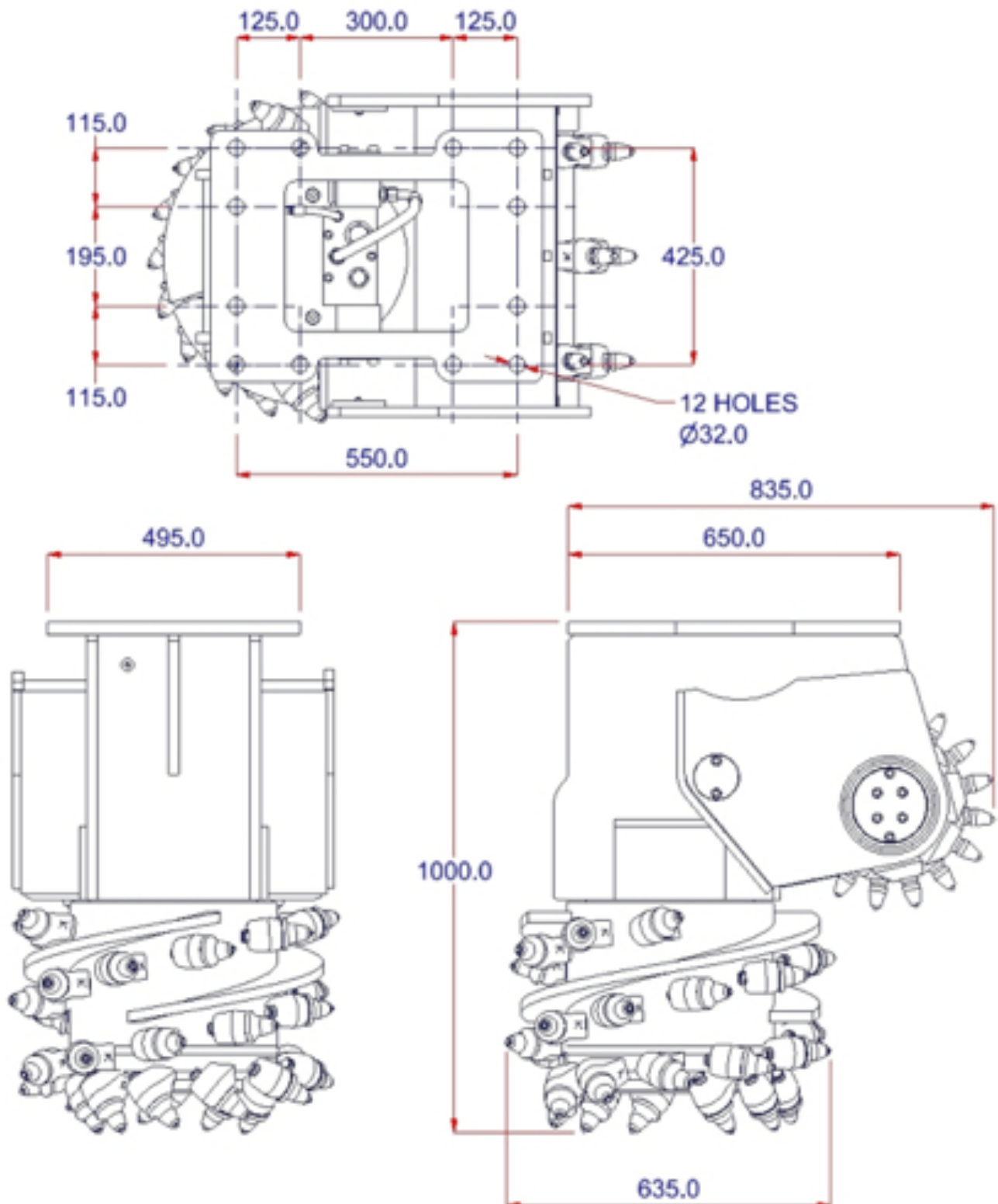
Maximum Input Power	110 kW	147.4 hp
Maximum Flow	460,0 l/min	101.2 UK gpm
Recommended Flow	320,0 l/min	70.4 UK gpm
Maximum Pressure	400 bar	5,801 psi
Output Shaft Torque	21,376 Nm @ 320 bar	15,767 lbf ft @ 4,641 psi
Pick Force	63,2 kN @ 320 bar	14,197 lbf @ 4,641 psi
Output Shaft Speed	76,0 rpm @ 320 l/min	76.0 rpm @ 70.4 UK gpm
Pick Speed	2,7 m/s @ 320 l/min	536 ft/min @ 70.4 UK gpm
Unit Weight	1.173 kg	3,183 lb
Excavator Range	22 - 38 t	22 - 38 t
No. of Picks	30 (38/30 mm Shank)	30 (1.5"/1.18" Shank)



**The concept of the TC30 Axial Cutting Unit:**



When the spoon cylinder is extended, the cutting unit is pressed into the ground, since the picks of the stabilizing wheel is supported in the ground. The cutting unit can now be used with minimal jolts for the rotary ring since the forces, resulting from rotation, are intercepted by the stabilizing wheel.



Rockwheel Cutting Units are designed and patented by Webster Technologies Ltd., UK.