

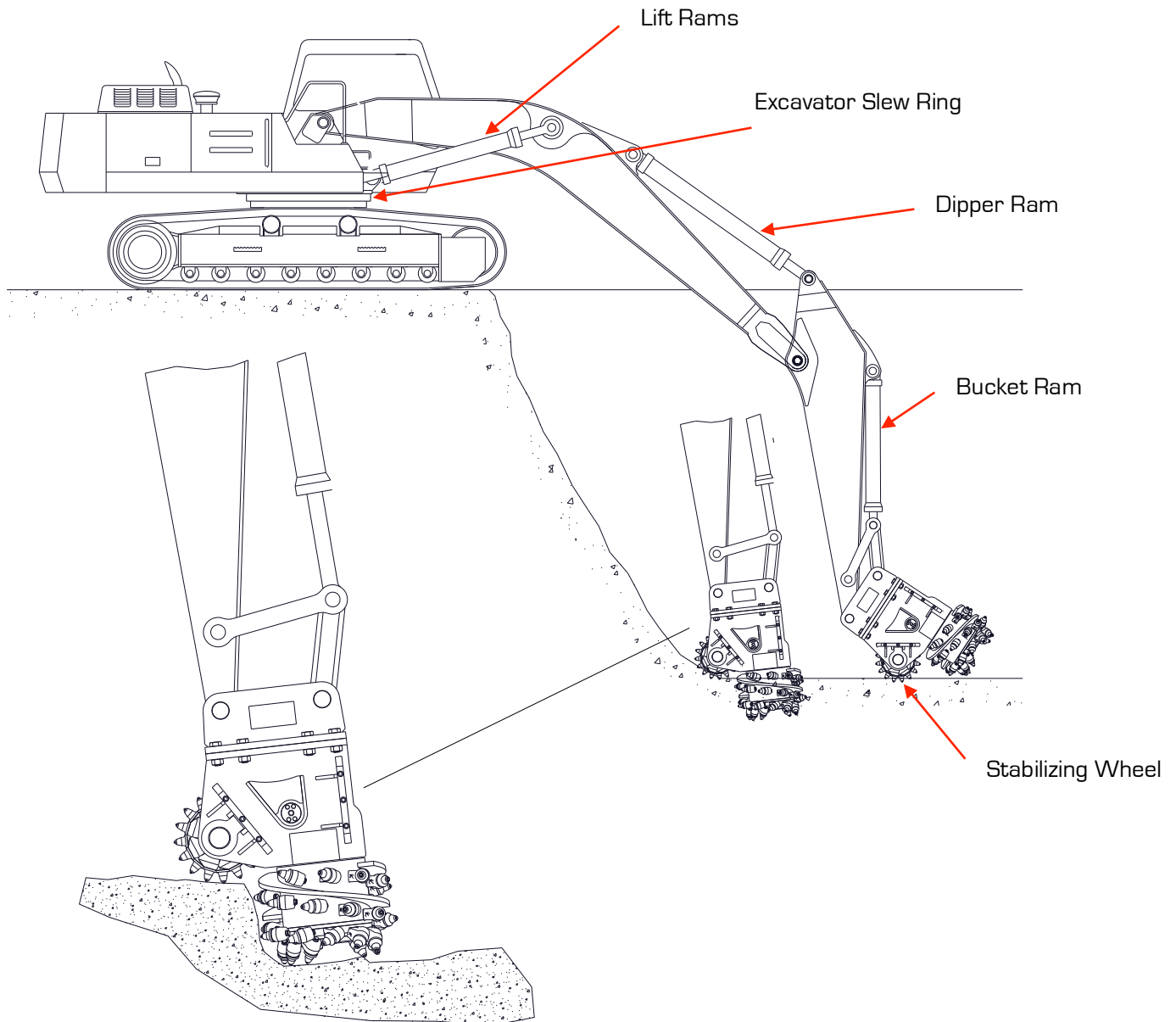
TECHNICAL SPECIFICATIONS ROCKWHEEL TC20

The Hydraulic Cutting Unit Rockwheel TC20 is specially designed for narrow trenching using 15 to 25 tons excavators.

Maximum Input Power	70 kW	93.8 hp
Maximum Flow	320,0 l/min	70.4 UK gpm
Recommended Flow	220,0 l/min	48.4 UK gpm
Maximum Pressure	400 bar	5,801 psi
Output Shaft Torque	14,272 Nm @ 320 bar	10,527 lbf ft @ 4,641 psi
Pick Force	44,2 kN @ 320 bar	9,937 lbf @ 4,641 psi
Output Shaft Speed	78,0 rpm @ 220 l/min	78.0 rpm @ 48.4 UK gpm
Pick Speed	2,2 m/s @ 220 l/min	511 ft/min @ 48.4 UK gpm
Unit Weight	962 kg	2,092 lb
Excavator Range	15 - 25 t	15 - 25 t
No. of Picks	32 (25,4 mm Shank)	32 (1.0" Shank)

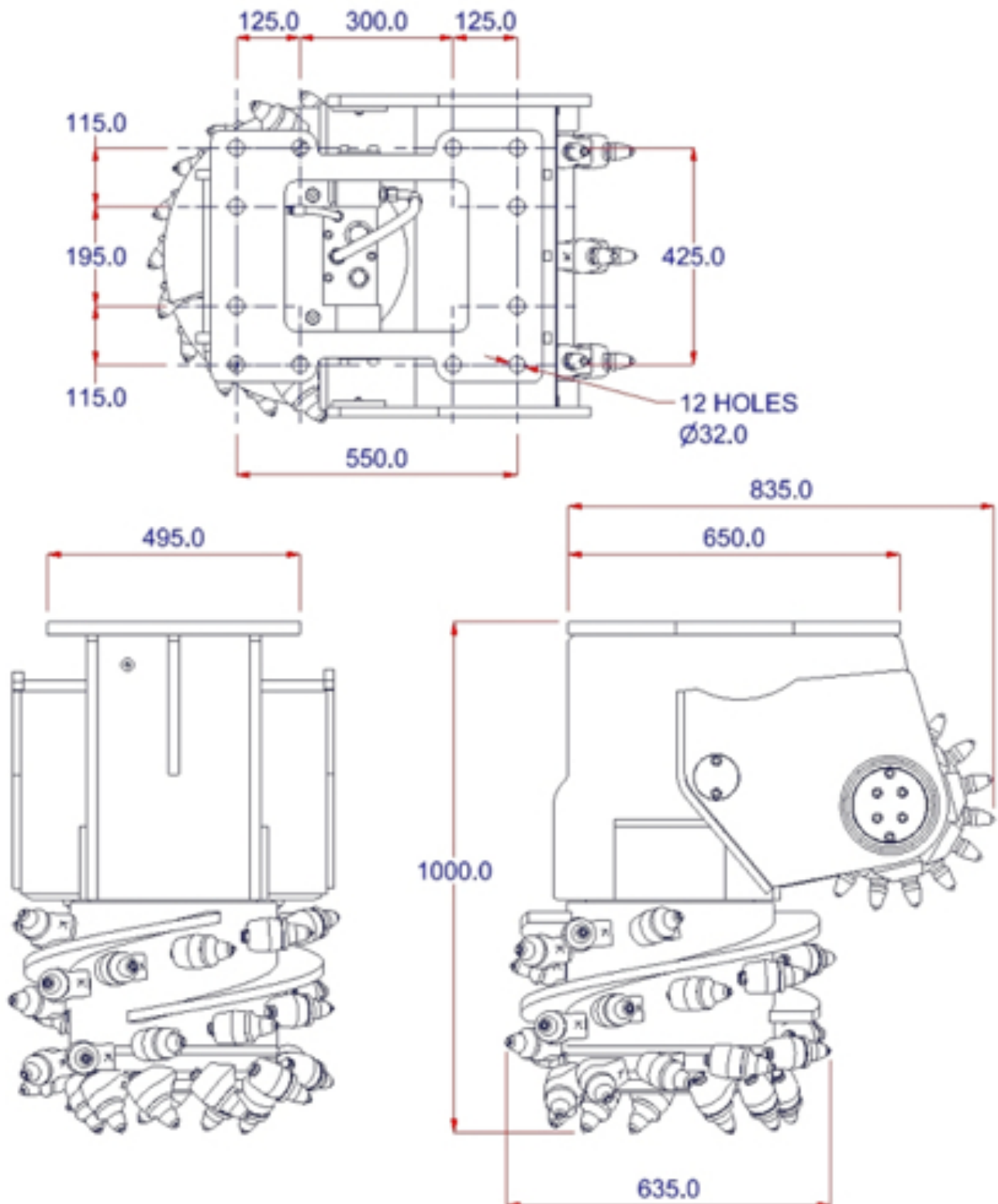


The concept of the TC20 Axial Cutting Unit:



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.