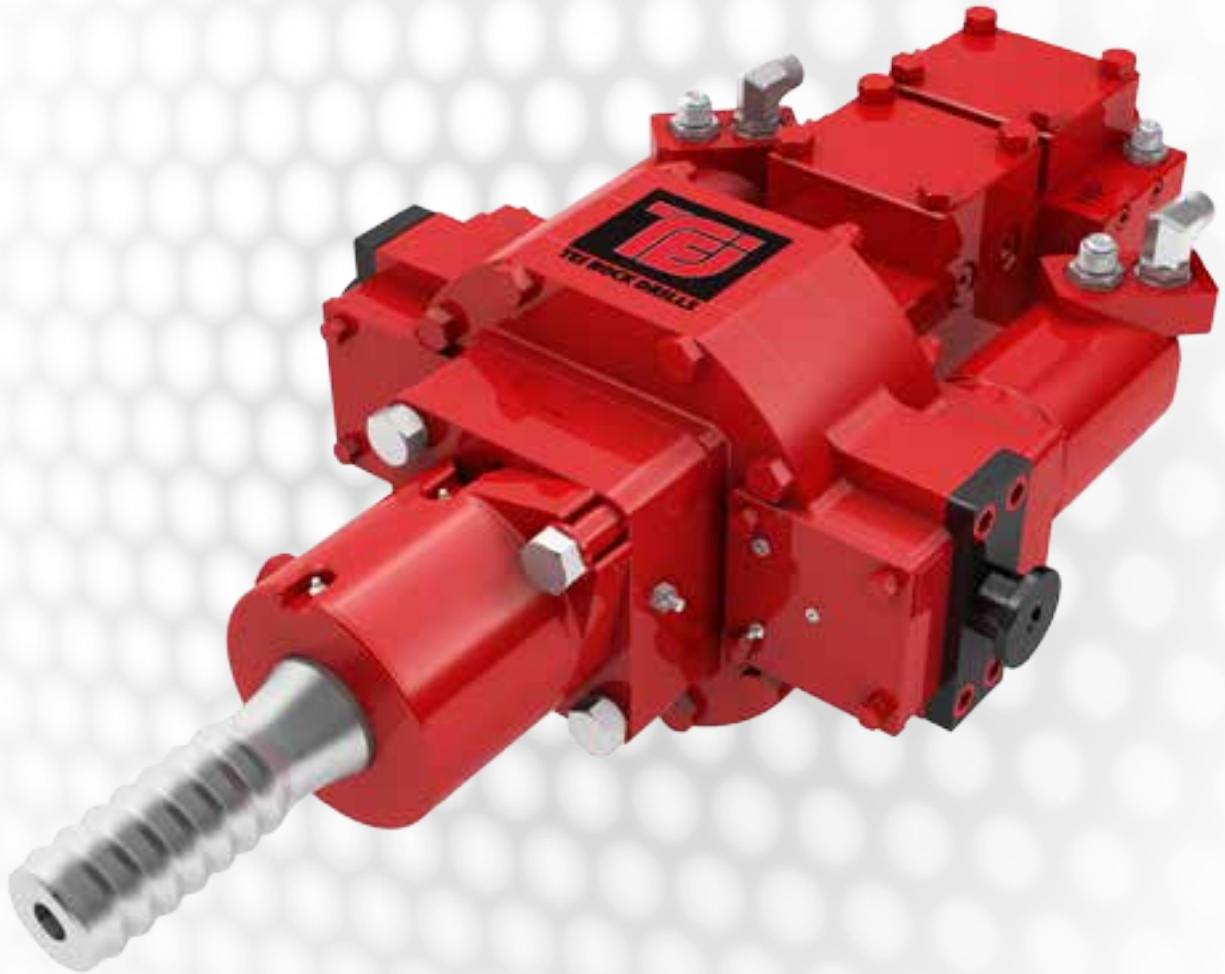


# TE1000 HYDRAULIC DRIFTER



- **Shortest and Lowest Profile Drifter in its Power Class**
- **Percussion System With Automatic Stroke Adjustment**
- **Low-Pressure Snubber Cushion In Front of the Shank**



# TE1000 HYDRAULIC DRIFTER

## Percussion System Power Output 23 kW

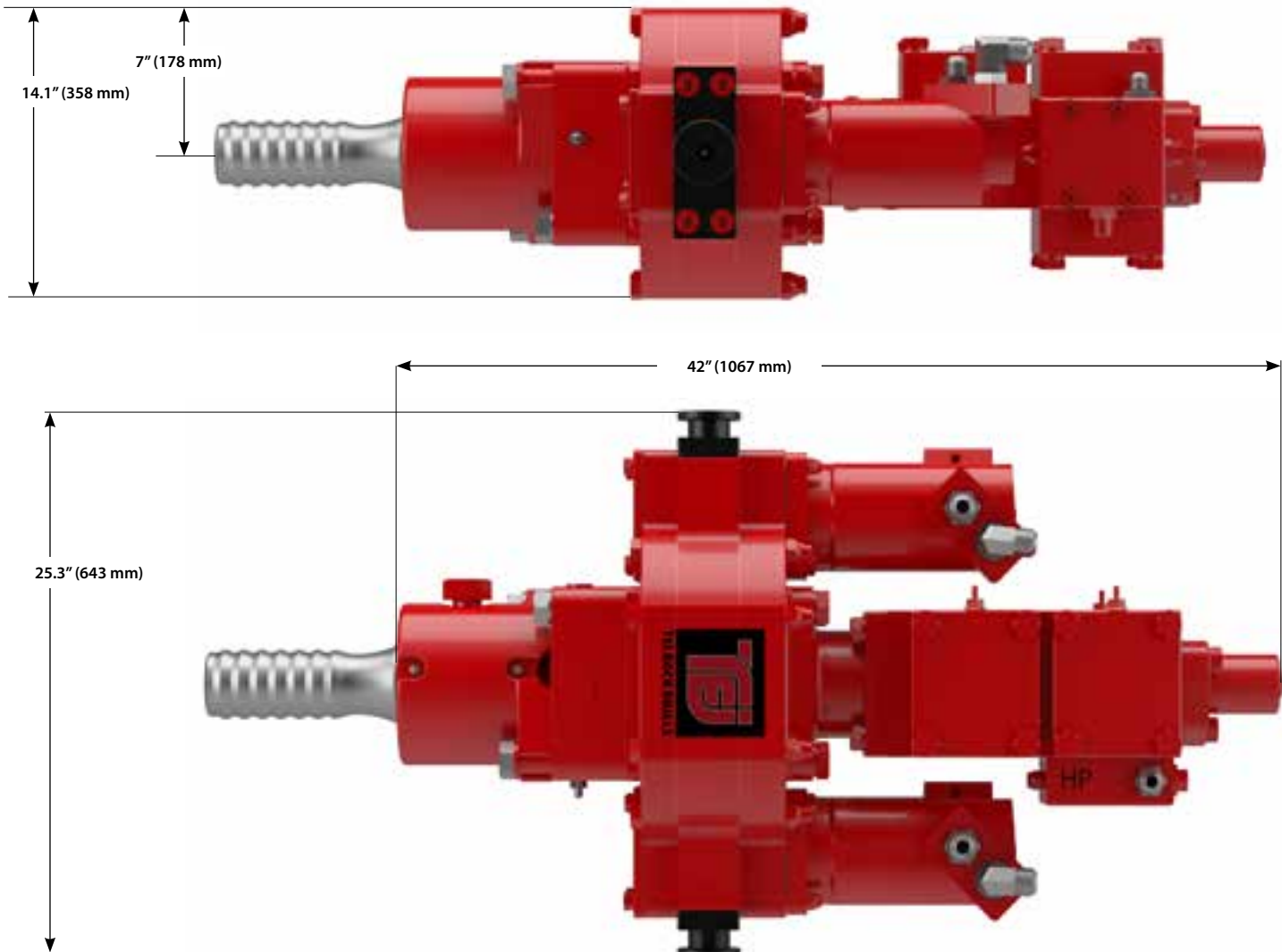
Operating Pressure	bar	155 - 175		
Oil Flow	lpm (l/min)	90 - 110		
Single Impact Energy	Nm (J)	290	380	470 ft-lbf
Impact Rate	blows per min	3500	2835	2170

## Rotary Drive

technical data calculated p=200 bar & Q=114 l/min

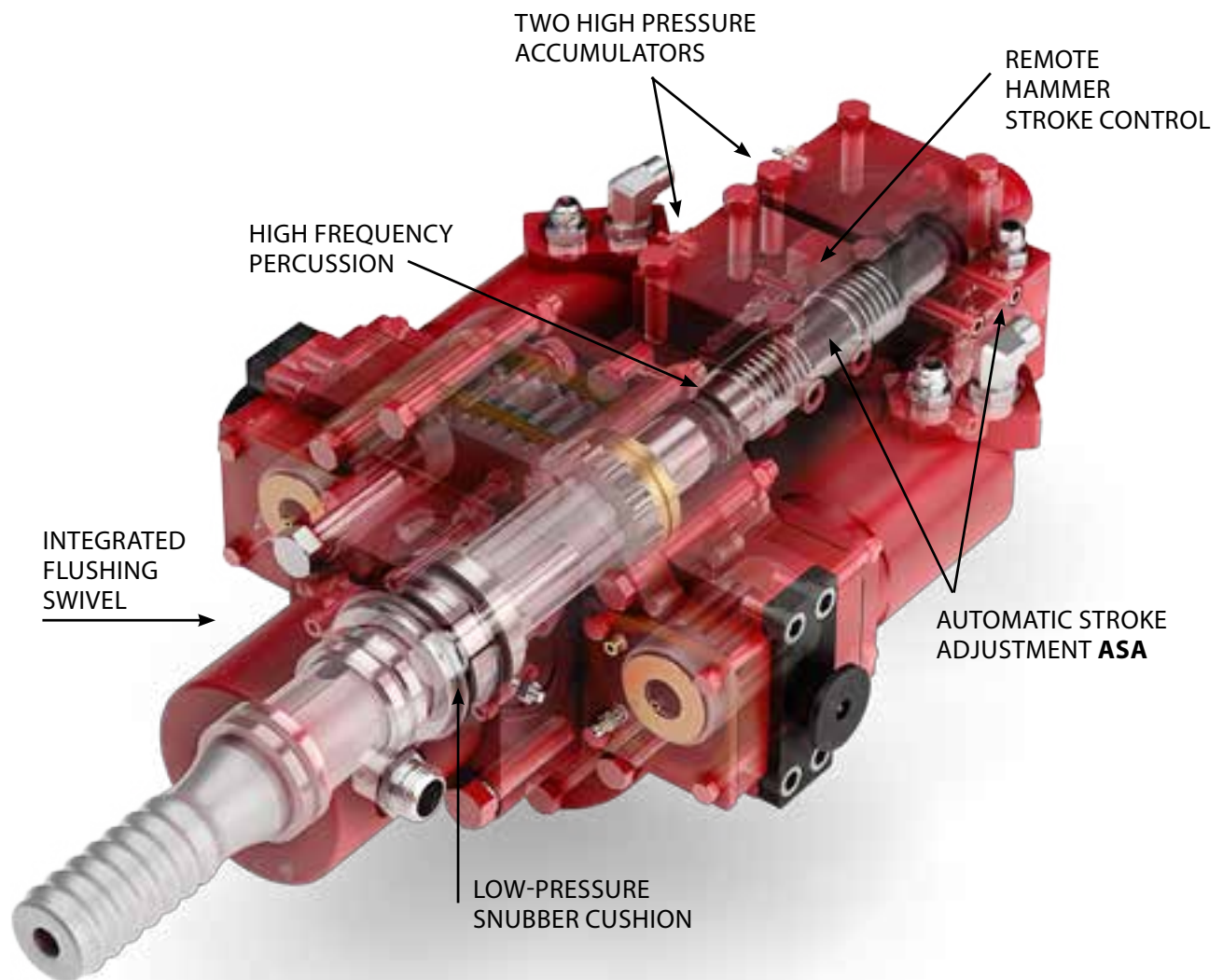
Motor Type	Type 1		Type 2		Type 3	
Gear	1	2	1	2	1	2
Torque / Nm	2236	4474	3389	6779	6779	13558
Speed / rpm	276	138	196	98	98	49

Shank Adapters	H90 left and right hand thread available
Total Weight	452 kg



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. TEI TECHNICAL SPECIFICATIONS CONSIDER A 40% HYDRAULIC POWER LOSS

## INNOVATION YOU CAN SEE, POWER YOU CAN FEEL



The TE1000 was designed to incorporate TEI's patented Automatic Stroke Adjustment **ASA** percussion system with the high torque of the RDS1000 rotary drill. The ASA only allows the percussion unit to operate at full force when the drill tools are engaged. The energy and frequency of the piston comes to full power when the shank adapter pushes the piston back into the full-firing mode. When hitting a void or not having enough down pressure on the mast the ASA automatically reduces the energy and frequency of the piston. On the front end of the drifter is a low-pressure hydraulic Snubber Cushion; the Snubber works with the ASA to cushion the force of the piston when not fully engaged.

The high frequency and smooth operation of the percussion system is accomplished by using three nitrogen charged accumulators. There are two high-pressure accumulators and a single low-pressure accumulator. The three accumulators level out pressure peaks in the hydraulic system; ensuring maximum life for drifter parts internally as well as maximum tool life externally.

**The TE1000 is a new brand of drifter built on over 30 years of experience.**

# WHY WASTE ENERGY?

## TE1000 DRIFTER

Reduces the percussion energy and frequency of the piston using the Automatic Stroke Adjustment **ASA**.

Low Pressure Hydraulic Snubber Cushion works with the ASA to reduce wear on the TE1000 and drill tools.

Three nitrogen accumulators to smooth hydraulic peaks across the length of the percussion system.

## THE COMPETITOR'S DRIFTER

Percussion unit is always at full power. Nothing changes with changing down-pressure on the drifter.

High-pressure nitrogen accumulator used to "damp" or attempt to absorb the full energy and frequency of the piston.

Two nitrogen accumulators across the length of the percussion unit.



## A WORLD LEADER IN DRILLING ATTACHMENTS, LIMITED ACCESS DRILLS & HYDRAULIC DRIFTERS

TEI Rock Drills is an international leader in the design and manufacture of Drilling Attachments, Limited Access Drills and Drill Rig Components.

TEAM TEI delivers value to our customers with innovative, safe products on the cutting-edge of technology.

