

HyperDrill BSR

HyperDrill BSR is a unique machining platform. The machine is designed to carry out many machining operations on boilers and similar thermal exchange equipment. With 80 mm (3.150") tool travel, this machine is ideally suited for most plants and is designed with operator safety in mind.

The system is fully torque-resistant with 2 or 3 clamping shafts that are independent of one another and can accommodate most pitch configurations. Once locked into the drum, the HyperDrill BSR is exceptionally stable.



AVAILABLE DRIVES



HYDRAULIC MOTOR (RECOMMENDED)

MOTOR	SPEED	POWER	TORQUE	OIL PRESSURE		MIN. OIL FLOW RATE	
	RPM	HP	NM	BAR	PSI	LT/MIN	GPM
HTB-165	343	16,7	273	190	2750	57	15



PNEUMATIC MOTOR

MOTOR	REVER- SIBLE	RIGHT- ANGLE	SPEED	TORQUE		SQUARE DRIVE
			RPM	NM	FT.LBS	
K75-RL-3V-190	YES	YES	190	190	140	120, 210, 380, 650



ELECTRIC MOTOR

MOTOR	REVER- SIBLE	RIGHT- ANGLE	SPEED	POWER	TORQUE	VOLTAGE
			RPM	WATT	NM	V
DUDE-2000 4 speed	YES	YES	120, 210, 380, 650	2000	240	110/230

AVAILABLE TOOLING



Solid drill (on request)



Drilling heads with inserts for stub wall reduction (1-1/4" to 4-1/2")



Adjustable boring heads for oversized damaged holes (1-1/4" to 5")



Grooving tools (1-1/4" to 4")



Weld removal heads (1-1/4" to 4-1/2")

OPTIONAL ACCESORIES



FAST CLAMPING SYSTEM

System offers rapid tube to tube cycle time, increased productivity (up to 4x) with little operator fatigue. Ideal for large amount of end preps.

EXAMPLE APPLICATIONS

- ▶ boiler tube and stubs wall reduction before punching it down;
- ▶ weld removal from stubs outside of the drum, especially for thin wall drums where the end prep machine can't be locked;
- ▶ boring the drum holes with a precise head for oversizing them for the repair of damaged or oval holes;
- ▶ trepanation of the drum or pipes;
- ▶ drilling holes (need chain clamping).

