

HyperCut

HyperCut: Internal Boiler Tube Cutter

The HyperCut is a heavy-duty **internal tube cutter** specifically engineered for larger-diameter tubes in the boilers and related industrial pressure vessels. Featuring a robust and **field-proven design**, this tool is built to withstand the rigors of intensive maintenance environments.

The system utilizes a standard single-blade cutting configuration that enables the severance of thick-walled tubes in a matter of minutes, significantly reducing downtime during retubing operations.

Driven by a high-torque 1.35 HP motor, the HyperCut delivers the necessary **power and stability** to ensure clean, precise cuts through heavy-gauge materials with ease.



CUTTING RANGE		POWER		FREE SPEED		TORQUE	
44,5 to 101,6 mm		1,35 Hp		55 Rpm		210 Ft.Lbs	
1-3/4" to 4"						280 Nm	
AIR USE		BODY WIDTH		BODY HEIGHT		BODY WEIGHT	
55 cfm	1,3 m³/min	3,22"	82 mm	15"	385 mm	19 Lbs	9 kg

OPTIONAL SPEED REDUCER



Easy to use gearbox for 3x speed reduction. Increases the torque, enabling the machine to cut heavy wall tubes.

AVAILABLE CUTTERS FOR HYPERCUT

TUBE OD		WALL RANGE	TUBE ID				TOOL NO.	CUTTER BIT NO.	NUMBER OF CUTTER BITS	PILOTS
			[MM]		[INCH]					
[INCH]	[MM]	BWG	MIN	MAX	MIN	MAX				
1-3/4"	44,5	8-16	36,07	41,15	1,42	1,62	PTHC-444-U-6"	K-25221	1	4 PCS
2"	50,8	8-16	42,42	47,50	1,67	1,87	PTHC-508-U-6"	K-25221	1	4 PCS
2-1/8"	54,0	8-16	45,59	50,67	1,79	1,99	PTHC-542-U-6"	K-25221	1	4 PCS
2-1/4"	57,2	8-16	48,77	53,85	1,92	2,12	PTHS-572-U-6"	K-25221	1	4 PCS
2-3/8"	60,3	8-16	51,94	57,02	2,04	2,24	PTHC-603-U-6"	K-25223	1	4 PCS
2-1/2"	63,5	8-16	55,12	60,20	2,17	2,37	PTHC-635-U-6"	K-25223	1	4 PCS
2-3/4"	69,9	8-16	61,47	66,55	2,42	2,62	PTHC-698-U-6"	K-25223	1	4 PCS
3"	76,2	8-16	67,82	72,90	2,67	2,87	PTHC-762-U-6"	K-25762	1	4 PCS
3-1/4"	82,6	8-16	74,17	79,25	2,92	3,12	PTHC-825-U-6"	K-25820	1	4 PCS
3-1/2"	88,9	8-16	80,52	85,60	3,17	3,37	PTHC-889-U-6"	K-25820	1	4 PCS
4"	101,6	8-16	93,22	98,30	3,67	3,87	PTHC-1016-U-6"	K-25900	1	4 PCS

OPTIONAL TWO BLADES CUTTER



Optional two-blade cutters may be used in specific applications.

HYPERCUT ELECTRIC

HyperCut can be driven by electric motor. The machine can cover the same pipe sizes and comes with the same cutting head. The electric motor made by Makita with 3 stage planetary gear box made by KRAIS has variable speed control and produce enormous torque. Is interchangeable with pneumatic drive and can be purchased separately at any time.



BATTERY OPTION

The machine is also available with a portable electric drive 18 Volt 5.2 Ah 93.6 Wh Li-Ion battery. The machine can operate up to half hour on one battery.

It is possible to have many charged batteries. Comfortable and easy to use in any place where compressed air and electricity is not available or even impossible to use as for example oil refinery.

