

## External-Cutter & Internal-Cutter

### External Cutter & Internal Cutter

External cutter & Internal cutter are special tools used to cut pipes in underground operation. Jereh Drilltech supplies various high quality External cutter & Internal cutter.

### Hydraulic External Cutter

The hydraulic external cutter, comparing to mechanical external cutter, is easier in structure, more convenient and faster in cutting.

#### Technical Specifications of Hydraulic External Cutter

Cutter Model	Cutter OD.(mm)	Cutter I.D. (mm)	Max. Catch O.D. (mm)	Pipe Dia. (mm)	Shear Pin Force (KN)	Min. Hole Dia. (mm)
JD-HEC-S95	95	73	58.74/ 60.32 /61.91/63.50	33.34 /41.28 /49.21/52.39	9	111.13
JD-HEC-S103	103	81	65.09/ 68.26/71.44 /73.03/77.79	33.34/41.28/ 49.21/52.39 /60.33	9	120.65
JD-HEC-S113	113	92	77.79/ 79.38 /80.96 /85.73	49.21 /52.39 /60.33/73.03	11	130.18
JD-HEC-S119	119	98	85.73/ 85.73/ 90.49/95.25	49.21/ 52.39 /60.33/73.03	11	136.53
JD-HEC S143	143	109.5	101.6/ 101.6/ 103.19/104.78/111.13	52.39 /60.33/ 73.03 /88.90/101.60	14	158.75
JD-HEC S154	154	124	114.30/ 117.48/ 120.65/123.83	60.33/ 73.03/ 88.90/101.60	14	168.28
JD-HEC S203	203	165	149.23/ 149.23/ 158.75/158.75	88.90/ 101.60/ 114.30/127	14	215
JD-HEC -S210	210	171	149.23/ 149.23/ 158.75/158.75	88.90 /101.60/ 114.30/127	14	219

### Mechanical Internal Cutter

Mechanical Internal Cutter is one special tool to cut pipes from inside of it.

The cutter can cut every position except of coupling. When cutting, the releasing spear can be connected on top of Mechanical internal cutter.



**Technical Specifications of Mechanical Internal Cutter**

Model	Cutter O.D. (mm)	Thread Connection	I.D. (mm)	Cutting Pipe O.D. mm (in)
JD-IC -J60	46	CYG22 Sucker	12	60.3 (2-3/8) Tubing
JD-IC -J73	57	Rod Thread	14	73 (2-7/8) Tubing
JD-IC -J89	67	1.900TBG	14	88.9 (3-1/2) Tubing
JD-IC -J102	83	2-3/8 TBG,	14	101.6 (4) Tubing
JD-IC -J114	85	1.900TBG	16	114.3 (4-1/2) Casing
				114.3 (4-1/2) Tubing
				114.3 (4-1/2) Drill Pipe
				127.0 (5) Drill Pipe
JD-IC -J127	102	2-3/8 TBG	16	127.0 (5) Casing
JD-IC -J140	112	NC26	16	139.75 (5-1/2) Casing
JD-IC -J168	127	NC31	20	168.3 (6-5/8) Casing
JD-IC -J168	138	NC31	20	168.3 (6-5/8) Casing
JD-IC -J178	145	NC38	40	177.8 (7) Casing
JD-IC -J219	185	NC38	50	219.1 (8-5/8) Casing
JD-IC -J245	210	4-1/2 REG	55	244.5 (9-5/8) Casing
JD-IC -J298	260	5-1/2 FH	80	298.4 (11-3/4) Casing
JD-IC -J340	295	6-5/8 REG	80	339.7 (13-3/8) Casing
JD-IC -J406	370	6-5/8 REG	125	406.4 (16) Casing
JD-IC -J508	475	6-5/8 REG	125	508 (20) Casing

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