



Original Manufacturer of the Equipment  
TOOLS RENTAL AVAILABLE IN EUROPE

## Automatic toolset for pulling tubes

Fastest tube removal – without  
any damages to tube sheet!

## ACTP - AUTOMATIC TOOLSET FOR PULLING TUBES



The KRAIS ACTP is an automatic and very fast pump and pulling gun set, is designed for continuous, and stub removal of tubes from boilers, condenser and heat exchangers. Automation provides significant time savings compared to conventional systems. Tubes can be continuously pulled from between 12,5 mm (1/2") OD and 76 mm (3") OD. A choice of 17, 30 and 45 Ton pulling gun options are available.

The basic version ACTP is a fully hydraulic system - it guarantees safety and eliminates the need for electric wires between the pump and the RAM. ACTP is also available with a choice of electric or pneumatic drive for use in potentially explosive environments.

### ADVANTAGES OF KRAIS ACTP

- 】 tubes extraction takes place without damaging the tube sheet,
- 】 hydraulic RAM ensures smooth and stable operation,
- 】 automatic switching from low pressure to high depending on the RAM demand,
- 】 high power translates into a short duration of the extraction cycle,
- 】 the possibility of using different pulling guns with the same pump,
- 】 compact design, short installation time and ease of use.

### PNEUMATIC PUMP



ACTP is also available with a choice of electric or pneumatic drive for use in potentially explosive environments.

### WORKING RANGES

PULLING GUN	POWER	PULLING STROKE		TUBE OD [MM]		TUBE OD [INCH]		WEIGHT
		[MM]	[INCH]	MIN	MAX	MIN	MAX	
ACPG-17	17 ton	150	6"	12,7	25,4	1/2"	1"	20 kg
ACPG-30	36 ton	150	6"	12,7	38,0	1/2"	1-1/2"	53 kg
ACPG-45	45 ton	100	4"	38,0	76,0	1-1/2"	3"	68 kg

### CONSUMABLES FOR ACTP-1000 17 TON

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	SPRING	MOUNTING JAWS
[INCH]	[MM]					
5/8"	15,88	13-16	K-6011	K-3031	K-0302	K-3032
		18-24	K-6012			
3/4"	19,05	10-12	K-6020	K-3041	K-0302	K-4042
		13-16	K-6021			
		18-24	K-6022			
7/8"	22,23	10-12	K-6030	K-3046	K-0302	K-3047
		13-16	K-6031			
		18-24	K-6032			
1"	25,4	10-12	K-6040	K-3051	K-0302	K-3052
		13-16	K-6041			
		18-24	K-6042			

### CONSUMABLES FOR ACTP-1000 36 TON

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	SPRING	MOUNTING JAWS
[INCH]	[MM]					
5/8"	15,88	13-16	K-6011	K-3030	K-0303	K-3032
		18-24	K-6012			
3/4"	19,05	10-12	K-6020	K-3040	K-0303	K-3042
		13-16	K-6021			
		18-24	K-6022			
7/8"	22,23	10-12	K-6030	K-3045	K-0303	K-3047
		13-16	K-6031			
		18-24	K-6032			
1"	25,4	10-12	K-6040	K-3052	K-0303	K-3052
		13-16	K-6041			
		18-24	K-6042			
1-1/4"	31,75	10-12	K-6060	K-3070	K-0303	K-3072
		13-16	K-6061			
		18-24	K-6062			

### CONSUMABLES FOR ACTP-1000 45 TON

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	SPRING	MOUNTING JAWS
[INCH]	[MM]					
1-1/2"	38,10	10-12	K-6070	K-3210	K-2321	K-3211
		13-16	K-6071			
		18-24	K-6072			
1-3/4"	44,45	10-12	K-6080	K-3215	K-2321	K-3216
		13-16	K-6081			
		18-24	K-6082			
2"	50,8	7-8	K-6090	K-3220	K-2321	K-3221
		10-12	K-6091			
		13-16	K-6092			
2-1/4"	57,1	10-12	K-7000	K-3230	K-3232	K-3231
		13-16	K-7001			
		18-24	K-7002			
2-1/2"	63,5	10-12	K-7010	K-3240	K-3242	K-3241
		13-16	K-7011			
		18-24	K-7012			

## OTHER TOOLS FOR TUBE PULLING

### MINICUT 100 - HEAT EXCHANGER

MiniCut 100 is recommended for use in cutting alloy and ferrous tubing up to 1-1/4" O.D. Heavy wall tubing up to 10 BWG can be cut quickly and efficiently. Tool uses one cutting bit to cut any material tubes. The MiniCut 100 tool is equipped with star wheel feed for smooth, positive power transmission to the cutting bit.

Tool is available as electric version. MiniCut 100E covers the same tube sizes and comes with the same cutting head.

CUTTING RANGE	POWER	FREE SPEED	TORQUE
Up to 1-1/4" OD	1,3 Hp	100 Rpm	105 Ft.Lbs
Up to 31,7 mm			140 Nm



### 1WTTC-1000 WHEEL TYPE TUBE CUTTER

The 1WTTC-1000 greatly reduces cutting time by utilizing the special 1 point self-centering cutter wheel design and works with 3/4", thru 1-1/4" O.D. tubes (after changing cutter body wheels and pilots). The tool does not create any chips during the cutting process!

CUTTING RANGE	REACH	POWER	FREE SPEED	TORQUE
5/8" to 4"	3" & 6"	1,3 Hp	100 Rpm	105 Ft.Lbs
15,8 - 101,6 mm	76,2 & 152,4 mm	0,97 kW		140 Nm



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