

## ACTP - Automatic, continuous toolset for tube pulling

The KRAIS ACTP is an automatic tube pulling system consists of a very fast pump and pulling gun. It is designed for continuous removal of tubes from boilers, condensers and heat exchangers.

Automation provides significant time savings compared to conventional systems. Tubes can be continuously pulled from between 16 mm (5/8") OD and 63 mm (2,5") OD. A choice of super heavy duty 17, 36 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 gun. ACTP is also available with a choice of the 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.



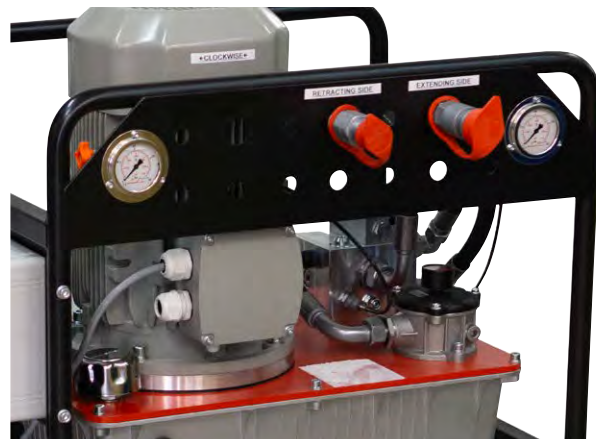
PULLING GUN	POWER	PULLING STROKE		PULLING SPEED		TUBE OD [MM]		TUBE OD [INCH]		WEIGHT
		[MM]	[INCH]	[M/MIN]	[INCH/MIN]	MIN	MAX	MIN	MAX	
ACTP-17	17 ton	150	6"	7	275	12,7	25,4	1/2"	1"	34 kg
ACTP-36	36 ton	150	6"	3,5	137	15,9	38,0	5/8"	1-1/2"	64 kg
ACTP-45	45 ton	100	4"	1,5	60	38,0	63,0	1-1/2"	2-1/2"	83 kg

### PUMP CHOICE



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

### EASY TO USE CONNECTORS



Pumps for ACTP are equipped with convenient meters and connectors with easy and convenient access. All parts are made with high attention to details.



**CONSUMABLES FOR ACPG-4 (4 TON)**

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	FRONT SPRING	HOLD JAWS	BACK SPRING
[INCH]	[MM]						
5/8"	15,88	13-16	K-6011	K-3031	K-0302	K-3031	K-0301
		18-24	K-6012				
3/4"	19,05	10-12	K-6020	K-3041	K-0302	K-3041	K-0301
		13-16	K-6021				
		18-24	K-6022				
		10-12	K-6030				
7/8"	22,23	13-16	K-6031	K-3046	K-0302	K-3046	K-0301
		18-24	K-6032				
		10-12	K-6040				
1"	25,4	13-16	K-6041	K-3051	K-0302	K-3051	K-0301
		18-24	K-6042				



**CONSUMABLES FOR ACPG-17 (17 TON)**

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	FRONT SPRING	HOLD JAWS	BACK SPRING
[INCH]	[MM]						
5/8"	15,88	13-16	K-6011	K-3032	K-0302	K-3031	K-0301
		18-24	K-6012				
		10-12	K-6020				
3/4"	19,05	13-16	K-6021	K-3042	K-0302	K-3041	K-0301
		18-24	K-6022				
		10-12	K-6030				
		13-16	K-6031				
7/8"	22,23	18-24	K-6032	K-3047	K-0302	K-3046	K-0301
		10-12	K-6040				
		13-16	K-6041				
1"	25,4	18-24	K-6042	K-3052	K-0302	K-3051	K-0301



**CONSUMABLES FOR ACPG-36 (36 TON)**

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	FRONT SPRING	HOLD JAWS	BACK SPRING
[INCH]	[MM]						
5/8"	15,88	13-16	K-6011	K-3030	K-0303	K-3032	K-0303
		18-24	K-6012				
3/4"	19,05	10-12	K-6020	K-3040	K-0303	K-3042	K-0303
		13-16	K-6021				
		18-24	K-6022				
		10-12	K-6030				
7/8"	22,23	13-16	K-6031	K-3045	K-0303	K-3047	K-0303
		18-24	K-6032				
		10-12	K-6040				
1"	25,4	13-16	K-6041	K-3050	K-0303	K-3052	K-0303
		18-24	K-6042				
		10-12	K-6060				
		13-16	K-6061				
1-1/4"	31,75	18-24	K-6062	K-3070	K-0303	K-3072	K-0303
		10-12	K-6070				
1-1/2"	38,10	13-16	K-6071	K-3090	K-0303	K-3092	K-0303
		18-24	K-6072				



**CONSUMABLES FOR ACPG-45 (45 TON)**

TUBE OD		BWG	PULLING SPEAR	PULLING JAWS	SPRING	HOLD 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			
		7-8	K-6090			
2"	50,8	10-12	K-6091	K-3220	K-2321	K-3221
		13-16	K-6092			
		10-12	K-7000			
2-1/4"	57,1	13-16	K-7001	K-3230	K-2321	K-3231
		18-24	K-7002			
		10-12	K-7010			
2-1/2"	63,5	13-16	K-7011	K-3240	K-2321	K-3241
		18-24	K-7012			