176 PULLING EQUIPMENT KRAIS TUBE & PIPE TOOLS

# Super-Jenny Semi-Automatic Tube Puller

Super-Jenny Series of hydraulic, semiautomatic tube pullers, allows the user to continuously pull tubes through heat exchangers, condensers and boilers, without the use of hammers or winches etc. The key to the system is the OD gripping jaw that will pull the tube as the operator actuates the ram.

#### 12-TON "MINI-JENNY"

Smallest puller, has been specifically designed for chiller and condenser work. Weighing in at just 18 lbs. (6 kg), this 10-ton capacity ram can pull up to 1" OD tubes. With a 3" stroke, this unit is exceptionally quick, and is ideal for tight access applications.

#### 20-TON "SUPER-JENNY"

Available with either a 3" or 6" stroke. This tool is capable of pulling 5/8" – 1" tubes continuously.

#### 30-TON "SUPER-JENNY"

30-ton puller is the workhorse of industry. Available with either a 3" or 6" stroke. This tool is capable of pulling 5/8" – 1-1/4" tubes continuously. It can even pull up to 3" stubs in specific applications.

#### 60-TON "SUPER-JENNY"

Biggest 60-ton "Super-Jenny" has been designed to pull tubes in the toughest applications. As standard, the unit can pull 1  $\frac{1}{2}$ "-2" tubes. As a special, an adapter is offered which will allow the operator to pull smaller diameter tubes with up to 60 tons of pulling force. For example, a tube extraction of 1  $\frac{1}{4}$ " x 10 BWG with a 7" tube sheet was noted to pull at 52 tons of pulling force.



### 12 TON "MINI-JENNY"

TUBE OD		TUBE	PULLING	PULLING	NOSE	O DING	JAW	SPEAR-
[INCH]	[MM]	GAUGE	SPEAR	JAW	COLLAR	O-RING	SPRING	MALE
5/8"	15,88	13-16	K-6011	K-3031	K-0625M	K-0046	K-0302	1/2"
		18-24	K-6012	K-3031	K-0625M	K-0046	K-0302	1/2"
3/4"	19,05	10-12	K-6020	K-3041	K-0750M	K-0046	K-0302	5/8"
		13-16	K-6021	K-3041	K-0750M	K-0046	K-0302	5/8"
		18-24	K-6022	K-3041	K-0750M	K-0046	K-0302	5/8"
7/8"	22,23	10-12	K-6030	K-3046	K-0875M	K-0046	K-0302	5/8"
		13-16	K-6031	K-3046	K-0875M	K-0046	K-0302	5/8"
		18-24	K-6032	K-3046	K-0875M	K-0046	K-0302	5/8"
1"	25,4	10-12	K-6040	K-3051	K-1000M	K-0046	K-0302	3/4"
		13-16	K-6041	K-3051	K-1000M	K-0046	K-0302	3/4"
		18-24	K-6042	K-3051	K-1000M	K-0046	K-0302	3/4"

## 20 & 30 TON "SUPER-JENNY"

TUBE OD		TOOL	TUBE	PULLING	PULLING	NOSE	O-RING	JAW	SPEAR-
[INCH]	[MM]	TOOL	GAUGE	SPEAR	JAW	COLLAR	U-KING	SPRING	MALE
5/8"	45.00	20 Ton 30 Ton	13-16	K-6011	K-3032	K-0625	K-0006	K-0303	1/2"
3/0 13	15,88		18-24	K-6012	K-3032	K-0625	K-0006	K-0303	1/2"
3/4"			10-12	K-6020	K-3042	K-0750	K-0006	K-0303	5/8"
	19,05		13-16	K-6021	K-3042	K-0750	K-0006	K-0303	5/8"
			18-24	K-6022	K-3042	K-0750	K-0006	K-0303	5/8"
7/8"	22,23		10-12	K-6030	K-3047	K-0875	K-0006	K-0303	5/8"
			13-16	K-6031	K-3047	K-0875	K-0006	K-0303	5/8"
			18-24	K-6032	K-3047	K-0875	K-0006	K-0303	5/8"
1"	25,4		10-12	K-6040	K-3052	K-1000	K-0006	K-0303	3/4"
			13-16	K-6041	K-3052	K-1000	K-0006	K-0303	3/4"
			18-24	K-6042	K-3052	K-1000	K-0006	K-0303	3/4"
1-1/4"	31,75	30 Ton	10-12	K-6060	K-3072	K-1250	K-0006	K-0303	1"
			13-16	K-6061	K-3072	K-1250	K-0006	K-0303	1"
			18-24	K-6062	K-3072	K-1250	K-0006	K-0303	1"

# RECOMMENDED PUMPS

Three pump choice with parameters of 700 bar (1000 psi) oil delivery at high pressure 0,9 to 1.1 l/min:

- l electric 230 V standard type
- lelectric 230 V with oil cooler
- ) pneumatic 1,4 cu.m/min at 6 bar







# 60 TON "SUPER-JENNY"

TUBE OD		TUBE	PULLING	PULLING	NOSE	O DINC	JAW	SPEAR-
[INCH]	[MM]	GAUGE	SPEAR	JAW	COLLAR	O-RING	SPRING	MALE
1-1/2"	38,10	10-12	K-6070	K-3211	K-3212	K-0015	18.2321	1"
		13-16	K-6071	K-3211	K-3212	K-0015	18.2321	1"
		18-24	K-6072	K-3211	K-3212	K-0015	18.2321	1"
1-3/4"	44,45	10-12	K-6080	K-3216	K-3217	K-0015	18.2321	1"
		13-16	K-6081	K-3216	K-3217	K-0015	18.2321	1"
		18-24	K-6082	K-3216	K-3217	K-0015	18.2321	1"
2"	63,50	7-8	K-6090	K-3221	K-3222	K-0015	18.2321	1"
		10-12	K-6091	K-3221	K-3222	K-0015	18.2321	1"
		13-16	K-6092	K-3221	K-3222	K-0015	18.2321	1"