

PIPE PULLER

Pipe puller RZE
joining kite-shaped
profiles with 4-track
undercarriage

- **Safe and fast joining of reinforced concrete pipes**
- **No trailing cables due to battery operation**
- **Tensioning and pulling by push button control via hydraulic cylinders**

WIMAG Pipe Puller RZE: the perfect pipe puller for reinforced concrete pipes

The Pipe Puller RZE has been specially designed for the laying of reinforced concrete pipes and is well proven worldwide.

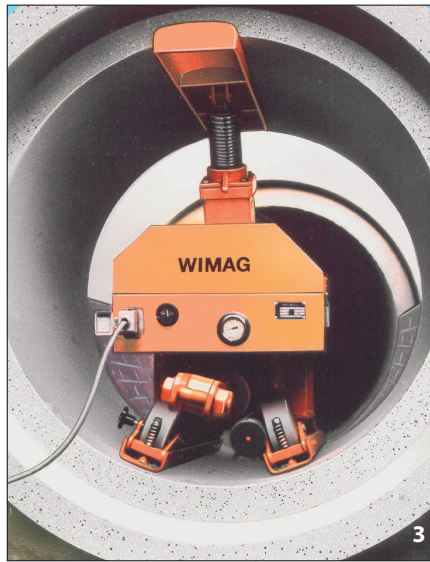
The hydraulic system is supplied by a 12 V battery, therefore, there are no trailing cables. The maximum pressure of the hydraulic system can be continuously adjusted. The pressure and battery are monitored by control instruments.

The adjustment to suit the new pipe dimension is effected via a spindle or by the exchange of a support, if necessary.

The excavator lifts the RZE into the pipe using a chain sling (Fig. 2). The RZE can be moved easily on its four wheels within the pipe and hydraulically clamped in every position via a bush button, at the same time the wheels will swivel upwards. The three big clamping surfaces prevent damage to the pipe (Fig. 3).

The joining of the pipe is effected by the retraction of the hydraulic cylinder via the pulling bar and the polyester sling. After the extension of the pulling cylinder the RZE will be released via a push button and pulled forward by one pipe length.

The control cable can be replaced by a remote control, if necessary (Fig. 4). Other accessories are available.



SPECIFICATION

Pulling force max. for reinforced concrete pipes, inside diameter	16 t (800) 1,000-2,500 (3,000) mm	Stroke of pulling cylinder	500 mm
Control	pendant control and 10 m cable	Hydraulic system	1.6 kW, 12 V
Pulling sling	polyester sling, lengths of 4 m and 8 m	Battery	12 V, 180 Ah
		Total weight	625 kg

Order No.	Type	
128 600	Basic equipment complete	ready for operation, with hydraulic system and battery - with supports for pipe inside diameter 800-1,000 mm, 1,100-1,500 mm, 1,600-2,000 mm, 2,100-2,500 mm - spindle short for pipe inside diameter 800-1,000 mm - spindle long for pipe inside diameter 1,100-2,500 mm - control cable of 10 m length and pendant control - polyester sling, working length of 4 m, polyester sling working length of 8 m, shortening eye and shackle - pulling bar for pipe inside diameter 800-1,400 mm - pulling bar for pipe inside diameter 1,500-2,500 mm - transport sling
128 501	Charger	220 V / 12 V
128 995	Remote control	see Figure 4
045 322	Adapter 130	for height increasing of effective height by 130 mm
040 716	Adapter 500	for pipe inside diameter 2,500–3,000 mm, with pulling bar extension
128 993	4-track carriage	for kite-shaped profiles
049 037	Undercarriage enlargement	Wheel base 700 mm, for pipes with dry-weather channel
128 460	Pulling bar for rectangular pipes	for working width of 1,400-2,000 mm
128 470	Pulling bar for rectangular pipes	for working width of 1,800-2,600 mm

APPLICATIONS

