

# Push- and pull kit 23 ton

NIKE's push-pull kit with its amazing 23 ton capacity contains all necessary parts for really heavy jobs which requires huge power resources. Unlike the 5 t and 11 t push-pull kits, the 23 ton push-pull kit only comes as a standard kit.

If the job is carried out on different locations and full control over the cylinder movement is required, we recommend choosing a hydraulic hand pump. An air/hydraulic pump is the choice when you have access to compressed air. This pump is also more comfortable and faster to work with. Always make sure to either use a pump with a built in manometer or connect the system to a separate manometer (see accessories below). It is essential to always have full control over the work carried out - otherwise there may be risk for personal or material damage.

The pump with hose kit is not included in the push- pull kits and has to be ordered separately (see below). There is a dedicated space in the storage box for both of the recommended pump kits.

## Standard kit (ES230)

The standard kit contains a push ram with a capacity of 23 ton. Moreover, the standard kit contains extension tubes, several types of press heads and a base plate. These parts make it easy to adapt the push-pull kit to many different situations.

In order to extend the capacity and range of application of the push-pull kit, there are additional accessories to choose from.





# Technical data

## Content

### Accessories

#### AMK801 - Gauge kit

A smart and safety improving accessory which lets you monitor the pull process. NIKE quick couplings allows an easy connection between cylinder and pump.

#### AMP651 Gauge

Gauges permit visual monitoring of the force and/or pressure generated by a hydraulic pump. This helps prevent accidental overloading and contributes to prolonging the life of your hydraulic equipment.

#### AQU8 Quick coupling

All quick couplings from NIKE have a check valve and are all supplied with seals and protection caps made of metal or plastic.

#### AVM202 Gauge adapter

Gauge adapter for quick and easy mounting of gauge AMP651.

#### TC228 Locking pin

To be used with different kinds of accessories, for example for mounting those accessories on the cylinder.

#### TCF20 Cylinder attachment

A cylinder attachment provides the cylinder with holes for fastening.

#### THR Pressure head, grooved

THR pressure heads have a grooved surface. THR415 is used for 5t push cylinders, THR114 for 10t push cylinders and THR214 is used for 20t push cylinders.

#### TMC221 - Coupling tap

Coupling taps can be used for connecting different accessories with each other, for example a pressure head and an extension tube.

Name	Description	Technical data	ES230
CF120	Push cylinder	200 kN, 127 mm	•
TD219	Clamp head (piston)	100 kN, NPT 2-11 ½	•
TD220	Clamp head (cylinder)	100 kN, UN 3 5/16-12	•
TFP203	Extension tube	254 mm, NPT 2-11 ½	•
TFP204	Extension tube	508 mm, NPT 2-11 ½	•
TFP205	Extension tube	762 mm, NPT 2-11 ½	•
THK212	Pressure head, pointed	NPT 2-11 ½	•
THT215	Pressure head, threaded	NPT 2-11 ½	•
THV211	Pressure head, v-notched	NPT 2-11 ½	•
TL225	Storage box	772x285x180 mm	•
TMT222	Coupling nipple	NPT 2-11 ½	•
TMT224	Coupling nipple, inner thread	NPT 2-11 ½	• (x2)
TS218	Support plate	NPT 2-11 ½	•

### Pump alternatives

Name	Working press. MPa	Eff. oil vol. cm³	Length mm	Width mm	Height mm	Weight kg	Contents
PHS70-1000/LS201	70	500	620	110	170	9.5	ASE10, LS201ES, AQ17
PP70-1000/LS201	70	1000	439	100	174	7.0	ASE10, LS201ES, AQ17

CF120	
TD219	
TD220	
TFP203 TFP204 TFP205	

THK212	
THT215	
THV211	

TL225	
TMT222	
TMT224	
TS218	



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