

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	232 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	-
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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