

Push- and pull kit 11 ton

- Flexible tool kit for many different applications
- Interconnects with other NIKE equipment
- Many different accessories

The 11 t push-pull kit comes in three different variations: a basic kit, a standard kit and a universal kit. Which kit to choose depends mostly on the type of application it is suppose to be used in. In all kits a 11 t push cylinder is included.

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 all three recommended pump kits.

Basic kit (EB110)

The basic 11 t push-pull kit includes all necessary parts in order to get the job started. It comes with a 11 t push ram and several accessories for the ram, e.g. extension tubes, clamp heads for the ram and piston and different pressure heads.

Standard kit (ES110)

The standard kit contains all parts form the basic kit. Moreover, it comes with a spreader, a rubber coated ball, a coupling nipple and tap and a base plate. The parts make it possible to extend the range of application for the kit even more.

Universal kit (EU110)

The universal kit contains all parts from the basic and standard kit. Besides that, it comes with a 11 t pull ram and different parts for pulling such as pull shackle and chain with attachment.





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.

TC128 Locking pin

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

TCF10 Cylinder attachment

A cylinder attachment provides the cylinder with holes for fastening.

TFP Extension tubes

TFP extension tubes are available with different lengths. Push- and pull kit including cylinder CF110 (10t) can be equipped with TFP105 (585 mm), TFP106 (510 mm) and TFP107 (760 mm). Please observe that extension tubes will reduce the useful cylinder capacity.

TFQ126 Quick extension

TH Pressure head, plain

TH pressure heads are plain at the top and can be mounted directly on the cylinder piston. TH414 should be used for 5t push cylinders and TH117 is used for 10t push cylinders.

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.

THV118 Pressure head, V-notched

TOK109 Chain yoke

TSM131 Base plate with flexible tap

TSM132 - Support foot, self adjustable

TUK132 Universal hook



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Content

Name	Description	Technical data	EB110	ES110	EU110
CF110	Push cylinder	100 kN	•	•	•
TD119	Clamp head f. piston	50 kN, NPT 1 ¼ - 11 ½	•	•	•
TD120	Clamp head f. cylinder	50 kN, UN 2 ¼ - 14	•	•	•
TFP101	Extension tube	76 mm			•
TFP102	Extension tube	127 mm	•	•	•
TFP103	Extension tube	254 mm	•	•	•
TFP104	Extension tube	381 mm	•	•	•
THK112	Pressure head, pointed	NPT 1 ¼ - 11 ½	•	•	•
THT115	Pressure head, threaded	NPT 1 ¼ - 11 ½	•	•	•
THV111	Pressure head, v-notched	NPT 1 ¼ - 11 ½	•	•	•
TMT124	Coupling nipple, threaded	NPT 1 ¼ - 11 ½	•	• (x2)	• (x2)
TL125	Storage box	677x300x165 mm	•	•	•
ESH10	Hydraulic spreader	9 kN, 80 mm		•	•
THG113	Pressure head, rounded	3", NPT 1 ¼ - 11 ½		•	•
TMC121	Coupling tap	ø 32 mm		•	•
TMT122	Coupling nipple	2 x NPT 1 ¼ - 11 ½		•	•
TS130	Support plate	NPT 1 ¼ - 11 ½		•	•
CPF709	Pull cylinder	100 kN, 127 mm			•
TB141	Pull schackle f. CPF709	-			•
TK107	Chain with hook	2000 mm			•
TMK127	Chain attachment	-			•

Pump alternatives

Name	Working press. MPa	Eff. oil vol. cm³	Length mm	Width mm	Height mm	Weight kg	Contents
PH70-500/LS201	70	500	540	70	130	5.1	-
PHS70-1000/LS201	70	1000	620	110	170	9,5	ASE10, LS201ES, AQI7
PP70-1000/LS201	70	1000	439	100	174	7.0	ASE10, LS201ES, AQI7

CF110		THV111		TMT122	
TD119		TMT124		TS130	
TD120		TL125		CPF709	
TFP101		ESH10		TB141	
TFP102		THG113		TK107	
TFP103		TMC121		TMK127	
TFP104					
THK112					
THT115					

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