



Remote controlled manual felling system with hand pump AHP with felling head or lifting cylinder - safety hose 10 m or 2 m (for conifers), pressure: 700 bar

Security through distance (up to 12 m with extension) and safety felling technology!

for straight trees
Felling heads of the Profiline 700 bar



Felling heads of the "Profiline" FK10TK, FK10T and FK20T

Felling head FK10TK: 3.6 kg, 22 t lifting capacity, stroke 45 mm, oil volume 169 cm³, pressure 700 bar - *optimized for small to medium-sized trunk diameters, compact and light!*

Felling head FK10T: 5.2 kg, 25 t lifting capacity, stroke 62 mm, oil volume 254 cm³, pressure 700 bar - *Universal felling head with a large stroke for strong trees and a wide range of applications!*

Felling head FK20T: 8.4 kg, 45 t lifting capacity, stroke 62 mm, oil volume 465 cm³, pressure 700 bar - *Special felling head for oversized trees!*



for hanging trees



Lifting cylinders of the Profiline 700 bar

Lifting cylinders of the "Profiline" HK20T, HK30T and HK50T

HK20T lifting cylinder: 5.6 kg, 20 t lifting capacity, stroke 100 mm, oil volume 311 cm³, pressure 700 bar - *falls medium-strong to strong trees in one go!*

HK30T lifting cylinder: 9.6 kg, 30 t lifting capacity, stroke 100 mm, oil volume 474 cm³, pressure 700 bar - *falls strong to very strong trees in one go!*

HK50T lifting cylinder: 16.6 kg, 50 t lifting capacity, Stroke 100 mm, oil volume 770 cm³, pressure 700 bar - *for extremely strong trees!*

Also available with a 150 mm stroke on request!



Hand pumps of the "Profiline"



Hand pump AHP 701,
aluminum, two-stage, 700 bar,
oil volume 350 cm³, 4.2 kg,
Length 505 mm, carrying system
- **ultralight, compact, powerful!**



Hand pump AHP 702,
Aluminum, two-stage, 700 bar,
oil volume 1000 cm³, 4.8 kg,
length 645 mm, carrying system
- **ultra-light, powerful, for large or
multiple felling heads and/or lifting
cylinders!**



Carrying system with belt!
Wedge and hydraulic line with
hand pump as **compact bundle
ergonomically to shoulder!**



The manually remote-
controlled StriXner
felling system AHP
enables you to bring down a
tree completely vibration
free and with safety,
covering a distance from
10 meters or more!
**Ultra-high pressure
hydraulics (700 bar)**
enable low-wear work with
low weight!

Flexible and compatible
The system can be assembled
according to your personal
requirements and can be
expanded at any time with
other components, or with
the remote-controlled
battery pump AP3!

Robust and low wear!
Ultra-high pressure
hydraulics ensure
extremely high efficiency!

**Safe cutting of sick or
damaged trees** combined
with a special felling
technique = maximum
safety!

Whisper-quiet, so that
you can still perceive every
reaction of the wood and
be able to react promptly
from the safe operator's
place!

Overload-proof, the
ultra-high pressure
hydraulics are protected by
a pressure relief valve!

**Low hand force and
number of strokes** The
required pumping time
takes generally less than
one minute!

Winter-proof to -30° C,
low viscosity hydraulic oil
**On request with bio oil
filling** (FSC e.g.-
compliant)



"Profiline" hoses and accessories

**Hand pumps optionally
available with a manometer**
- perfect control of the felling
through pressure monitoring!



**Safety hose for dangerous
trees being out of the
dangerzone**
Length 10 m, 3.6 kg, leak-
free quick coupling, burst
protection, hose binder,
carabiner
**Hoses can be extended by
coupling them together!**

**Safety hose
(for conifers)**
Length 2 m, 1.2 kg,
leakage-free quick
coupling, burst protection,
hose tie, carabiner
**Together with the 10 m hose =
12 m safety distance!**



**Multi-head distributor
VB201**
With the VB201, several felling
heads and / or lifting cylinders
can be used in the same tree.
*This enables enormous lifting power
and / or lifting distance to be
achieved and optimally distributed!*
**Optimal load distribution and
completely vibration-free
repositioning is possible!**

We make forest work safe:
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"Profiline" with 700 bar handle everything!

GmbH
StriXner Fäll-Systeme



StriXner Fäll-Systeme GmbH