

# MOVAX

*Side-Grip Sheet Pilers*

**SP-70F4**  
**SP-100F4**

**NEW!**

## More power to sheet piling with SP-70F4 and SP-100F4

This new model series has four equivalent weights which brings strong vibra power with more efficient thermoregulation.

### SP-100F4

The biggest Movax sheet piler is designed for conditions where strong driving or extraction force is needed and the ground vibration is a minor issue. SP-100F4 utilises all the power of a big (35 ton) excavator accompanied with a hydraulic Power pack. Power pack for extra hydraulic power is allways needed and installation of extra hydraulic oil cooler for excavator is also recommended. SP-100F4 is equipped with built-in vibra case oil cooler which ensures continuos working at tough ground conditions.

### SP-70F4

Complements the series with its rough power. Mounted on a 33+ ton excavators or on a 25 ton excavator equipped with a Power pack, this sheet piler is at its best in demanding projects such as bigger infra sites where strong driving or extraction force is needed. Also in SP-70F4 is built-in cooling system.

Available in February 2009.





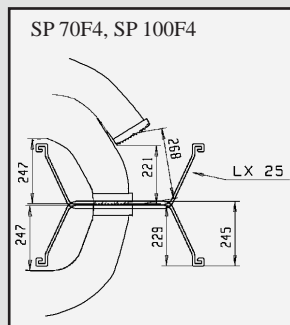
# Sheet Pilers

## Technical data

### SP-70F4 and SP-100F4

Construction elements for side grip sheet pilers

Piler type	SP70F4	SP100F4
Sheet piles		
- Width of the pile (mm)	600-1200	600-1200
- "Depth" of the pile (mm)	230	230
- Weight of the pile (kg)	1600	1600
H-beams		
- Min. size	H240	H240



Dimensions and other characteristics of sheet pilers

Piler type	SP70F4	SP100F4
Weight without adapter (kg)	2680	2720
Height (mm)	2410	2410
Depth (mm)	1170	1170
Width (mm)	1128	1128
Excavator class (ton)	25-40 (3)	35-40 (4)
Oil flow (l/min)	240 (5)	360 (2)
Max. return pressure (bar)	5	5
Pressure setting (bar)	350	350
Frequency (1/min)	3000	3000
Centrifugal force (kN)	700	1000
Ground vibration	normal	normal
Driving method	vibra	vibra
Swing / tilt angle (°)	360/30	360/30
Number of arms	3+1	3+1
Oil pump (lubrication)	Yes+cooler	Yes+cooler
2) Oil flow at 280 bar only 1-pump installation allowed		
3) 25-30 ton excavator equipped with Movax power-pack		
4) always power-pack needed		
5) oil flow at 260 bar		



**Unisto Oy**

*Productivity through innovation*

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