



ALLU VP

Compacting Plate

www.allu.net



ALLU VP, high power compacting

ALLU VP compacting plate can reach even three times higher efficiency than conventional compactors

ALLU VP compacting plate can reach even three times higher compacting depth and capacity than conventional compactors. This is based on the intelligent design and the working principle as a hydraulic attachment of an excavator. ALLU VP compacting plate make compacting faster and easier, they therefore contribute to remarkable cost savings.

ALLU VP can be used in many different applications e.g. in pipe line back filling. Thanks to the low height, special form and eccentric fixing point even the most difficult and tight places can be reached such as spots beneath transversal pipes, consequently the compacting work is easier to do.



ALLU VP compacts effectively in many different places



Pipeline trenches



Embankments



Foundation works



Protection walls



Parking places

Options!

ALLU VP compacting plates have as an option a mechanic or hydraulic rotating system which is designed especially for pipeline contractors. It helps to turn the compacting plate to the best position in difficult places e.g. when operating in a narrow pipeline trench. The mechanic rotator turns the plate 2 x 90° and the hydraulic 360°.

ALLU VP 8 and V 10 are also available with changeable compacting force X2.

ALLU VP compacting plate can be equipped with base machine specific adapter.



ALLU[®] VP, safety at work

ALLU VP compacting plate is operated from the cabin of the excavator. Therefore the operator doesn't have to go inside the pipe line trench. ALLU VP also works well on uneven surfaces, so there is no need to level it in advance.

ALLU VP compacting plate can be installed onto almost any excavator, thanks to its specially designed power control valve, which protects the unit against pressure peaks and adjusts the hydraulic flow to the right value. There is no need of adjusting the base machine. ALLU VP can be installed to either single or two-way hydraulic circuits.

Compacting in narrow places

ALLU UV 8-2 is a specially designed compacting plate with 1.3m long arm for very narrow and deep places e.g. beside and between the pipes in pipeline trenches. It can be also equipped with either mechanic or hydraulic rotating system. Thus even the most difficult spots can be reached and the back filled material can be compacted to homogenous strength all over the trench.



**For pipeline
job sites!**

ALLU VP technical specification

| Model | Base Machine t | Oil Flow Min - Max l/min | Vibrating Force kg | Vibrating Force optional kg | Vibrating Frequency n/min | Plate size L x W x H Plate = L x W mm | Plate coverage m ² | Weight kg | Pressure line bar | Relief valve bar | Hydr. current control valve |
|-------------|----------------|--------------------------|--------------------|-----------------------------|---------------------------|---------------------------------------|-------------------------------|-----------|-------------------|------------------|-----------------------------|
| ALLU VP3 | max 6 | 35 - 80 | 1 600 | - | 2 000 | 860 x 340 x 540 | 0,34 | 260 | 170 - 250 | 250 | X |
| ALLU VP4 | 4 - 10 | 55 - 140 | 2 500 | 4 100* | 2 000 | 1045 x 440 x 685 | 0,44 | 420 | 170 - 250 | 250 | X |
| ALLU VP6 | 8 - 17 | 55 - 140 | 4 500 | 7 000* | 2 000 | 1150 x 640 x 700 | 0,75 | 670 | 170 - 250 | 250 | X |
| ALLU VP7 | 10 - 19 | 90 - 200 | 6 500 | 9 000 | 2 000 | 1425 x 730 x 785 | 0,99 | 990 | 170 - 250 | 250 | X |
| ALLU VP8 | 14 - 30 | 150 - 240 | 8 500 | 11 500* | 2 000 | 1425 x 820 x 800 | 1,08 | 1050 | 170 - 250 | 250 | X |
| ALLU VP10 | 18 - 45 | 150 - 240 | 10 000 | 13 500* | 2 000 | 1425 x 940 x 810 | 1,36 | 1230 | 170 - 250 | 250 | X |
| ALLU UV 8-2 | min 10 | 55 - 140 | 1 800 | - | 2 100 | 830 x 240 x 1300 | 0,20 | 460 | 170 - 250 | 250 | X |

*Only to terracing works

ALLU® DOES IT ALL...

ALLU® products for soil improvement



ALLU® Screener Crusher
Screening, crushing, mixing, aerating,
and loading in one step operation



ALLU® Stabilisation System
Mixing soil and binding agent in
mass stabilisation



ALLU® Compacting Plate
High power compacting plates for
demanding job sites



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Dealer

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