## **Vibratory pile drivers**

# **Classic pile driver**

The competitive price and long-life reliability of Impulse pile-drivers make them to a very fast repaying and profitable investment.

The pile drivers provide You the ultimate power since they have one of the largest amplitude and eccentric moments.

The compact design allows the maximum possible usage of the excavator's radius and reach, in that way much longer piles can be driven. Impulse classic pile-drivers are 30% lighter than the models of the competitors.

Different types of clamps ensure effective driving and extraction of sheet and Larssen piles, H-beams, U-sections, various sized pipes. Impulse pile-drivers can be fitted with compacting plates for soil densifying - like a standard hydraulic compactor, but with much higher power output.



	Woight of base	Amplitude,	Eccentric	Woight	Working	Oil flow
Model	Weight of base machine, t	mm	moment, kgm	kg	pressure, bar	Oil flow, I/min
VP310	12 – 35	12	4	1 050	150 – 250	120 – 140
VP350R*	22 – 35	6.8	3.5	1 680	200 – 320	190
VP500	25 - 40	12	8	1400	300	220 - 240
VP600R*	30 – 40	8.8	6.1	1 860	250 – 320	220

<sup>\*</sup>Models with hydraulic tilting and rotating mechanism

The impulse vibratory pile driver is a reliable and high-performing attachment. It is capable to carry out a wide range of tasks: driving and extraction of piles, pipes, double T-beams, etc.



## Tilting pile driver

With up to 90° hydraulic tilting, piles and pipes can be clamped and taken directly from the ground, giving You extra 30% efficiency compared to standard pile-driver usage.

Impulse VP350R & VP600R pile-drivers are being equipped with screw drive swing bearings, which give You the advantage of more precise rotation.

All operations can be controlled from a single joystick. Clamping, tilting, positioning and driving was never that easy - operated with only one hand. The pile-drivers are powered from the hydraulic system of the excavator via a single-flow piping-kit (the same that powers the hydraulic breaker) - the pile driver mounting won't bring any additional expenses or time spending.

<b>И</b> жевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-6
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13 урманск (8152)59-64-93 абережные Челны (8552)20-53-41 Новокузнецк (3843)20-46-81 ю (383)227-86-73 OMCK (3812)21-46-40 (4862)44-53-42 бург (3532)37-68-04

ний Новгород (831)429-08-12 . (8412)22-31-16

Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846)206-03-16 Санкт-Петербург (812)309-46-40 Capator (845)249-38-78 Севастополь (8692)22-31-93 Симферополь (3652)67-13-56 енск (4812)29-41-54 Сочи (862)225-72-31 оль (8652)20-65-13

Казахстан (772)734-952-31

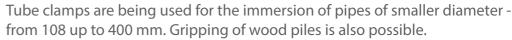
Сургут (3462)77-98-35 Тверь (4822)63-31-35 Томск (3822)98-41-53 Тула (4872)74-02-29 Тюмень (3452)66-21-18 Упьяновск (8422)24-23-59 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Челябинск (351)202-03-61 Череповец (8202)49-02-64

## Standard clamp



Standard clamps are being used for immersion of ordinary and flat surfaced piles. Restricted to pipe's diameter and wall thickness, standard clamps are also used for pipe immersion.

# Tube clamp





#### **Double clamp**

Double clamps allow secure seizure of pipes with diameter from 300 up to 1100 mm. Assuring more even and precise immersion, the double clamps protect the pipe's walls from damaging.

#### **Compactors**



Impulse compactors are hydraulic attachments which are intended to carry out planning works as well as works on soil compaction, and preparation of building sites. Classic and proven set-up for the major compaction works. High quality motors and reliable construction steel ensure a fail safe operation of each machine from the model lineup. The wide range (suitable for mini-excavators through to 35 ton machines) covers all main tasks at the construction site. Maintenance, servicing and repairs are easy. The high impulse energy, longer endurance limit and lower maintenance costs meet the demands of most end-users in construction business.

Model	Dimension A×B×C, mm	Compacting force, t	Nominal frequency, rpm	Compactor weight <sup>1</sup> , kg	Carrier weight class <sup>2</sup> , t	Operation pressure, bar	Oil flow, I/min
V25	730×318×473	1,5-2,5	2 500	225	4-8	170-200	30-50
V30	920×600×537	2-3	2 400	330	7-12	90-130	70-100
V80	1120×750×685	7-8	2 200	615	10-16	130-160	110-140
V100	1270×950×765	9-11	2 250	950	14-25	130-170	130-160
V120	1290×1000×765	10-15	2 050	960	18-35	150-190	150-170
V150	1500×1000×826	15-20	2 200	1 295	30-40	250-300	260-280

<sup>1 –</sup> Without adapter plate

<sup>2 –</sup> Weights apply to standard carriers only. Any variances must be agreed with manufacturer.