

**POST DRILLING VIBRATORS**

VIBRO PILE-DRIVERS • VIBRATORS PILE-DRIVERS  
VIBRATOR FRAMES



**Serie IP** IP Series • IP Series • Series IP

PER ESCAVATORI DA 1,5 TO 25 TON. • FOR EXCAVATORS FROM 1,5 TO 25 TONS  
FROM 1.5 TO 25 TONS • FOR BAGGER FROM 1,5 UNTIL 25 T



The new IP series hydraulic vibrators have been designed for vibro-driving piles and soil compaction, depending on the equipment applied. The IP series hydraulic vibrators are operated by connecting them to the hydraulic power take-off for excavator accessories (PTO). It is also possible to use only the vibrating body for special applications upon customer request.



The new hydraulic vibrators are planned both for the pile-driving and the compaction, by simply using a different tool. The hydraulic supply of the vibrators IP series takes place through the excavator PTO. It is also possible to use only the vibrating unit for specific needs.



The new IP series hydraulic vibrators have been designed either for vibratory piling or for soil compaction, depending on the tool applied. The hydraulic power supply of the IP series vibrators is through the hydraulic socket of the excavator. It is even possible to use only the vibrating unit for specific customer applications.



The new IP series oleodynamic vibrators have been designed for pile driving and soil compaction, depending on the accessories used. They work through the hydraulic power of the excavator. It is also possible to use the vibrator for specific needs use. to



DETAILS OF STANDARD POST DRILLING VIBRATORS • FEATURES STD VIBRATION PILE-DRIVERS

FEATURES STANDARD PILE DRIVING VIBRATORS •

FEATURES STANDARD VIBRORAMMER



**ALUMINUM ENGINE**

The motor is in aluminum and bidirectional as standard. Drainage necessary for back pressures higher than 7 bar.

**ALUMINIUM PUMP**

The hydraulic pump is bidirectional and in aluminum. Drain not needed for counter pressures <7 bar.

**ALUMINUM MOTOR**

The motor is bi-directional and aluminum. Drainage not necessary for back pressures <7 bar.

**ALUMINIUM-MOTOR**

The motor is bi-directional and aluminum. Drainage not necessary for back pressure <7 bar.



**ANTI-CAVITATION VALVES**

Our equipment is equipped with anti-cavitation valves as standard.

**ANTICAVITATION VALVES**

Our attachments are always equipped with anticavitation valves.

**ANTI-CAVITATION VALVES**

Our equipment is always equipped with anti-cavitation valves.

**ANTICAVITATIONSVENTILEN**

Our attachments are always equipped with anti-cavitation valves.



**SKF BEARINGS**

They are built exclusively with SKF bearings.

**SKF BEARINGS**

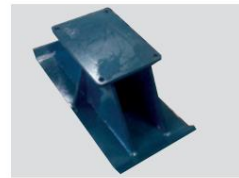
Exclusively built with SKF bearings.

**SKF BEARINGS**

Manufactured only with SKF bearings.

**SKF LAGER**

Produced only with SKF bearings.



**TAILORED DOUBLE FUNCTION**

They can be used both for compacting the soil and for vibro-in fission of piles in it. This is possible thanks to the high frequency vibration.

**DOUBLE FUNCTION ON ASKED**

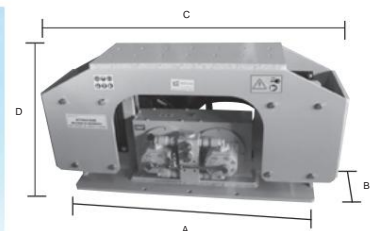
Compaction and pile-driving, thanks to the high-frequency vibration.

**DOUBLE FONCTION UPON REQUEST**

Compaction and pile driver, thanks to high frequency vibration.

**DOUBLE FUNCTION ON BREAKING**

Compaction and piling, thanks to high-frequency vibration.



	A	B	C	D
IP 22				
IP 23	684	330	770	475
IP 24	mm	mm	mm	mm
IP 25				
IP 31	720	360	810	480
IP 32	mm	mm	mm	mm
IP 33				
IP 53	1195	440	1400	665
IP 54	mm	mm	mm	mm
IP 55				

TECHNICAL CHARACTERISTICS •

TECHNICAL DETAILS

• TECHNICAL DATA •

TECHNICAL CHARACTERISTICS

Model - Model - Model - Model	IP 22	IP 23	IP 24	IP 25	IP 31	IP 32	IP 33	IP 53	IP 54	IP 55				
Max Oil Flow - Max Oil flow Max flow - Max Öldurchfluss	l/min	26	36	44	55	66	80	100	130	160	200			
Max Pressione - Max Pressure - Pressure maxi - Max pressure	bar	230				250								
Peso indicativa - Weight - Poids - Gewicht	Kg	190				230				650				
Compaction power - Compaction power Compaction power - Verdichtungskraft	Kg/m2	2000	2200	2400	3600	4500	6000	14400	15000	16500	18000			
Frequenza - Frequency - Fréquence - Frequenz	hertz	50/60												
Maximum return pressure - Max return pressure Max pression de retour - Max back pressure	bar	7												
Excavator weight - Excavator weight Excavator weight - Gewicht des Baggers	ton	1-1,5	1,6-2,5	2,5-3,0	3,0-4,5	4,5-5,5	6-7,5	8-10	11-15	15-18	18-25			