



## I Sigma 4 Backhoes

The Sigma 4 backhoes are three-point-hitched through an adjustable coupling system. They are easily hitched and perfectly locked to the back of the tractor allowing for great stability as well as comfortable and safe operations. Hitching and unhitching procedures are easy and rapid even for non-professional users. While working, the stress is distributed on the two stabilizer legs, safeguarding the tractor. The hydraulic cylinders – fed by a pump which in turn is driven by the tractor P.T.O. – control the movement of arms and bucket. The rams are connected to the hydraulic distributor and operated by means of levers placed on the control console in front of the seat.

The Sigma 4 backhoes are for customers looking for an excellent product at the best market price.

The **backhoe series “U”**, without a shifting frame, is particularly suitable for customers who are regularly working on in open fields or gardens. It is extremely stable thanks to the wide open position reached by the stabilizer legs.

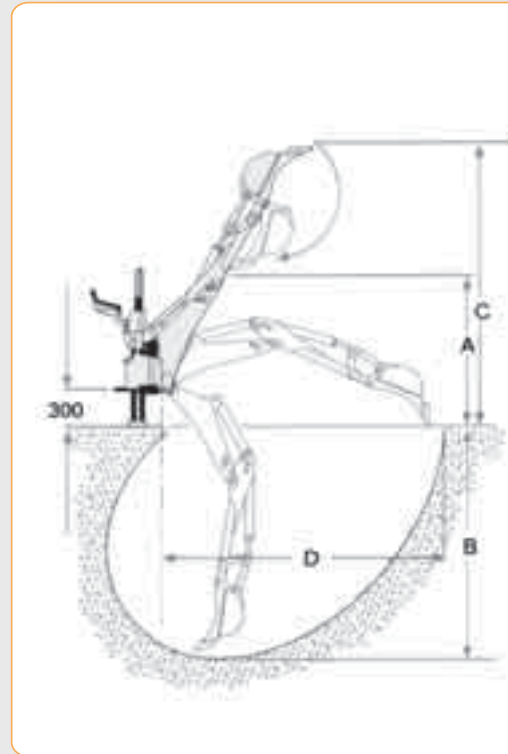
The **backhoe series “C”** is the best selling model. Its frame can be hydraulically shifted with no need of getting off the seat. Side-shift is a very crucial feature for operators working in row cultivations, such as orchards and vineyards, and more in general in narrow areas where stabilizer legs may not be easily fitted.

The two Sigma 4 backhoe series have the same components and hydraulic parts – the only difference is the shifting frame on the series “C” and the fixed frame in the series “U”.

**Sigma 4 for all needs.**

## I Backhoes

### I technical data



Mod.		A	B	C	D
U150	mm	1250	1520	2000	2000
U180	mm	1500	1800	2250	2475
U250	mm	2106	2490	3100	3270
C180	mm	1630	1770	2330	2435
C200	mm	1830	2000	2740	2960
C230	mm	2050	2300	2740	2960
C250	mm	2160	2490	3100	3270
C270	mm	2370	2650	3370	3530
C290	mm	2400	2900	3460	3600

Technical data		U150	U180	U250	C180	C200	C230	C250	C270	C290
Bucket breakout force		1500	1500	2000	2600	2600	2600	2750	2750	3500
Rotation angle		180°	180°	180°	180°	180°	180°	180°	180°	180°
Pump capacity	Lt/min	11	11	16	16	16	16	16	26	26
Operating pressure	bar	160	160	180	180	180	180	180	180	180
Buckets	mm	250-400	250-400	300-500	250-600	250-600	250-600	300-800	300-800	300-1000
Weight with standard bucket	Kg	310	330	490	515	525	545	720	770	910

Design and/or specifications are subject to change without notification

### I Attachments



Bucket



Ditch cleaning bucket

# sigma 4

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# sigma 4

## I Backhoes

 I Side-shift

 I Fixed



# I Backhoes with shifting frame I series

## I Technical particular

# I Backhoes with fixed frame I series U



Shifting frame with hydraulic locking device

Multiple working position



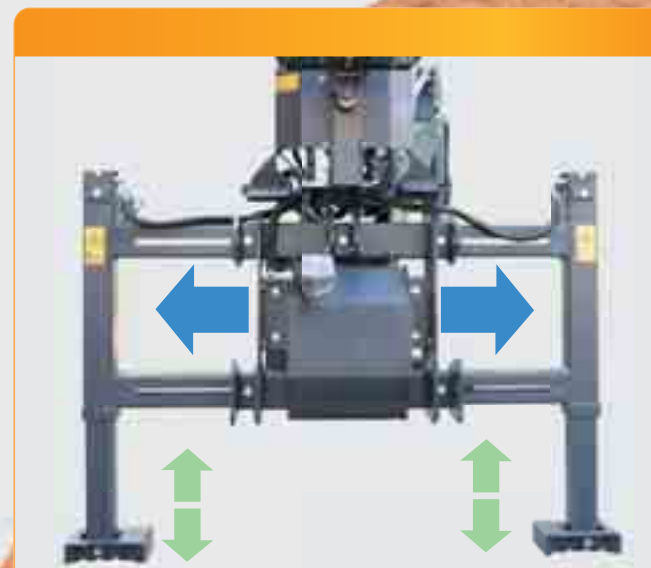
Hydraulic lock.



Boom rotation of 180°.  
Function controlled by two rams  
equipped with end-of-stroke  
dampers.



Heavy-duty cast iron pump.



Independent stabilizer legs with remote-controlled  
locking valves.  
Our backhoes feature side-shift extension to  
optimize the equipment performance as well as  
the operator's safety in any working condition.



Easily accessible and adjustable seat.  
Its ergonomic design and its position to allow for excellent  
visibility make the work safer and comfortable.

