



JAKE D114

JAKE D114 is an effective digger connected to an agricultural tractor by the **JAKE Mounting Kit**. The electric controlled hydraulics of the **JAKE D114** with the new **JAKE-locking** of the **JAKE Mounting Kit** allows very fast connecting and disconnecting of the digger.



Basically the **JAKE D114** uses the hydraulics of the tractor. For fluent use the tractor pump should make around 80 litres of oil per minute at 180-200 bar. The maximum oil pressure for the **JAKE D114** is 230 bar which is possible to obtain with a PTO pump. The PTO pump set includes an oil tank integrated into the **JAKE D114** frame and an oil cooler. The pump produces 100 litr/min at 1500 rpm of an engine speed.



The hydraulic valve of the **JAKE D114** is the electrically controlled Bucher HDS34. All the sections are proportionals. The MiniStick joysticks are small and easy to install to the armrests of the seat.



TECHNICAL DETAILS		
Hydraulic pressure (bar)	230	180
Max. Digging depth (m)	4,3	4,3
Max. Outreach (m)	5,8	5,8
Max. Unloading height (m)	3,4	3,4
Max. Lifting capacity at full outreach (kg)	1460	1170
Max. Bucket digging force (kg)	4200	3360
Max. Digging arm pulling force (kg)	4800	3840
Max. Turning force at full outreach (kg)	680	560
Max. Turning force, vertical digging arm (kg)	1480	1190
Turning angle (°)	180	180
Bucket tilt angle (°)	± 45	± 45
Total weight, incl. bucket tilt, slope bucket and Adaptor of JAKE Mounting Kit (kg)	1750	1750
All forces measured with a slope bucket and a bucket tilt.		