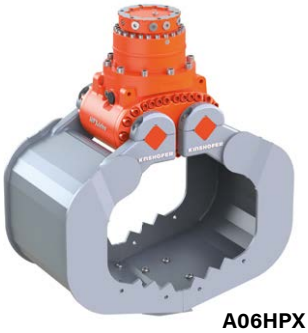
Multi Purpose Grab with *HPXdrive* 1-6t / *2,200-13,200lbs* A02/A04/A06HPX

The new multi purpose grabs with the low maintenance *HPXdrive* for excavators up to 2t/4,400lbs, 4t/8,800lbs or 6t/13,200lbs operating weight – THE ideal and productive tool for landscaping as it allows the precise positioning of natural stones and exact placing of loose fill material too.

A02HPX



A06HPX

- ▷ ***HPXdrive*** – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. **No hydraulic cylinder required!**
- ▷ **50% longer life cycle.** The drive unit runs in a permanent oil bath – no lubrication necessary. Resistant against dirt and blows, due to the compact design.
- ▷ The **sophisticated ergonomics** and the design of the shells enables loading, sorting, digging and demolition operations with maximum efficiency.
- ▷ **Constant closing force** during the entire operation.
- ▷ Different applications possible thanks to easy **shell exchange system (from A04HPX)**.
- ▷ Optional: accessories available like **bolt-on side plates** and **4-Grip**.
- ▷ Also available as a quick-delivery **TO GO►** product exclusively in our online shop! (only within EU) shop.kinshofer.com

Request? exc@kinshofer.com

Multi Purpose Grabs A02HPX / A04HPX / A06HPX

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Teeth (#)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity* (kg/lbs)	Operating weight (t/lbs)
A02HPX-30**	300 / 11.8	888 / 35.0	466 / 18.3	3	21 / 0.03	90.5 / 199	1,000 / 2,200	1 - 2.7 / 2,200 - 5,940
A04HPX-40 TO GO►	386 / 15.1	1,043 / 41.0	822 / 32.3	3	70 / 0.09	270 / 594	1,500 / 3,300	2 - 4 / 4,400 - 8,800
A06HPX-45 TO GO►	450 / 17.7	1,344 / 52.9	982 / 38.6	5	145 / 0.19	340 / 748	2,000 / 4,400	4 - 6 / 8,800 - 13,200

* the load capacity indicated depends on the characteristics of the load (surface, largeness etc.) **)2-year warranty

Package consists of: multi purpose grab, bolt-on teeth, **KINSHOFER** rotator and non-return valve

KINSHOFER Rotator

Integrated in a single unit with ***HPXdrive***, no more connecting hoses. Continuous rotation. Overload protection by pressure relief valves.

Type	Upper dimension (hole/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lb)	Bending moment max. (Nm/ft.lb)
A02HPX: KM 04 F140/150	10 x M 12 / Ø 150 / 5.9	850 / 627	3,000 / 2,213
A04HPX - A06HPX: KM 10 F214/180	6 x M16; Ø 180 / 7.0	1,000 / 737	12,000 / 8,850

Accessories

Type	Description
KM 691	adapter plate for specific solutions
KM 690	adapter for rigid mounting
KSW01 rigid	bolt-on adapter for system L-Lock KMS01L/KHS01L for rigid mounting – up to 2t/4,400lbs
KSW03 rigid	bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting – up to 6t/13,200lbs
	adapters for quick change systems from other manufacturers or different sizes on request
KM 980-2 2t-8t c	solenoid valve for additional circuit, up to 26MPa / 3,770psi, incl. parts and mounting
KM 685 09E-A02-A09	bolt-on side walls for A04 to A09
KM 685 05-D02-A02	4-Grip for D02/A02 (load capacity: 350 kg / 770 lbs)
KM 685 05-D04-A04	4-Grip for D04/A04 (load capacity: 600 kg / 1,320 lbs)
KM 685 05-D06/09-A06/09	4-Grip for D06/A06 (load capacity: 600 kg / 1,320 lbs) and D09/A09 (load capacity: 900 kg / 1,980 lbs)

Requirements of carrier machine

Operating pressure at pump capacity (open/close):

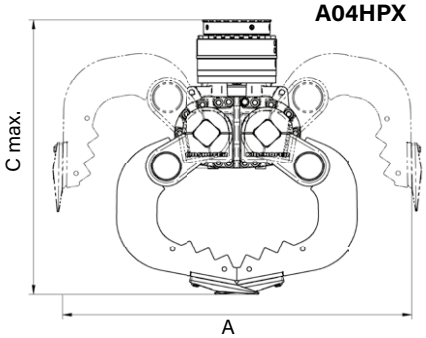
A02HPX: 21 MPa (210 bar) at max. 40 l/min / 3,024 psi at max. 10.6 GPM	A04HPX: 19 MPa (190 bar) at max. 75 l/min / 2,740 psi at max. 20 GPM	A06HPX: 26 MPa (260 bar) at max. 75 l/min / 3,745 psi at max. 20 GPM
	A04HPX: 19 - 32 MPa (190 - 320 bar) at max. 40 l/min / 2,740 - 4,640 psi at max. 10.6 GPM	A06HPX: 26 - 32 MPa (260 - 320 bar) at max. 40 l/min / 3,745 - 4,640 psi at max. 10.6 GPM

Operating pressure at pump capacity (rotate):

A02HPX: 32 MPa (320 bar) at 10 - 40 l/min / 4,640 psi at 2.6 - 10.6 GPM	A04HPX: 32 MPa (320 bar) at 15 - 50 l/min / 4,640 psi at 4 - 13 GPM	A06HPX: 32 MPa (320 bar) at 20 - 50 l/min / 4,640 psi at 5.3 - 13 GPM

Technical drawings

A04HPX



optional 4-Grip gripping device, here mounted to a A06HPX

5 Years Warranty for all *HPXdrive* drive units

We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany