

ESCO® PosiGrab® II Hydraulic Coupler

For Construction Class Hydraulic Excavators



ESCO



ESCO introduces the next generation of performance attachments - the PosiGrab II Hydraulic Coupler

ESCO has developed and manufactured components for the construction and aggregate industries for over 100 years. Our market knowledge and product expertise allows us to offer our latest innovation – the ESCO PosiGrab II hydraulic coupler.

Our new coupler has undergone extensive testing and benchmarking against similar competitive products. Developed for ease-of-use and operator safety, we believe the PosiGrab II coupler is the best available on the market today.

A key feature is independently secured front and rear locks that provide redundant retention security. The natural position of the coupler is locked and only opens when hydraulic pressure is applied. Specifically, the coupler will remain locked in the event of hydraulic system failure or a severed hydraulic hose.

The new design includes a weight reduction averaging 12% over previous ESCO models and up to 11% lower coupler height than leading competitors to minimize the impact on digging force.

The PosiGrab II coupler is a multi-pin design that enables engagement with the range of buckets and attachments within a given tonnage class and can be fully operated, including locked confirmation, from the comfort and safety of the machine cab.

The PosiGrab II coupler, when properly matched with OEM (Original Equipment Manufacturer) excavator buckets and attachments, will provide a safer and more reliable attachment engagement and change-over of various implements for maximum machine productivity and versatility.

[See the PosiGrab II Machine Reference charts on the reverse for available options](#)



PosiGrab® II
Hydraulic Coupler

PosiGrab II coupler benefits

- Independently secured front and rear locks that provide redundant retention security
- Natural position of the coupler is locked and requires hydraulic pressure to unlock for greater safety
- Weight reduction averaging 12% over previous ESCO models
- Up to 11% lower coupler height than leading competitors to minimize the impact on digging force

ESCO PosiGrab II Coupler Machine Reference Charts

Refer to the charts below for availability of the PosiGrab II coupler to specific machines and dimensional/operational data.

PosiGrab® II Couplers are Available Specific to These Machines							
MACHINE OEM	7T CLASS	12T CLASS	15T CLASS	20T CLASS	25T CLASS	30T CLASS	40T CLASS
Case	CX75/80/9007B	CX130/135/145/9010B	CX160/9020B	CX210/225/235/9030B	CX240/250/290/300/9040B/9045B	CX330/350/380/9050B	CX470/460/9060B
Hitachi	ZX80/85	ZX100/110/120/135	ZX160	ZX180/200/210/225/245	ZX230/240/250/270/290/300/345	ZX330/350/370/380	ZX400/450/470
John Deere	75/80/85	130/135/120/135/490E	160/590D	180/210/245/200/225/690E	230/240/250/270/290/300/345/790E	330/350/370/380/892E	450/470/992E
Komatsu	PC60/75/78/88/80/95	PC10/120/128/130/138/158	PC150/160/180/PW170	PC200/210/228/PW210/220	PC240/250/270/290	PC300/350/360/390	PC400/450/490
Link-Belt	75/80/1600Q	130/135/145/2650Q	160/170/190/2700Q	210/220/225/235/245/2800Q	240/250/260/290/300/355/3400Q/3900Q	330/350/380/4300Q	460/470/490/5800Q
Volvo	N/A	EC140/ECR145	EC160/EW160/180B	EC210/220/EW230/ECR235	EC240/250/290/300/ECR305	EC355	EC330/340/360/380/460/480

The PosiGrab II hydraulic coupler is specifically made to direct pin to the machines on the chart above. The chart below lists the make and model of the machines which the equivalent tonnage class PosiGrab II coupler is compatible with to properly engage and pickup. If you are unsure of your attachments, contact ESCO to verify compatibility.

OEM	PosiGrab® II Coupler Tonnage Class (metric ton)						
	7T	12T	15T	20T	25T	30T	40T
Case	CX75/80/9007B (50)	CX130/135/145/9010B (65)	CX160/210/225/235/9020B/9030B (80)	CX210/225/235/9030B (80)	CX240/250/290/300/345/9040B/9045B (90)	CX330/350/380/9050B (90) CX460/470/9060B (100)	CX460/470/490/9060B (100)
Cat	307/308 (45)	311/312/314 (65)	315/317 (70) B,C,S Linkage (80)	B,C,S Linkage (80)	C,S Linkage (80) CBII Linkage (90) D Linkage (90/80)	DB Linkage (100/90)	TB Linkage (110/100)
Hitachi	ZX80/85 (50)	ZX100/110/120/135 (65)	ZX160/180/200/210/225/245 (80)	ZX180/200/210/225/245 (80)	ZX230/240/250/270/290/300 (90)	ZX330/350/370/380 (100)	ZX400/450/470/520 (110)
Hyundai	NA	R120/130/140/145 (65)	R160/200/210 (70) R210 (80)	R200/210 (70) R210 (80)	R250/260/290/300 (90) HX300 (90)	R320/360/380/450/480 (100) HX430 (100)	R450-7/480-9 (100) HX430 (100)
JCB	JZ70 (50)	JS130/145 (65)	JS160/180/190/200/220/JZ235 (80)	JS200/220/JZ235 (80)	JS240/260 (90)	JS330 (90)	JS460 (100)
John Deere	75/80/85 (50)	120/130/135/135/490E (65)	160/180/200/210/225/245/590D/690E (80)	180/200/210/225/245/690E (80)	230/240/250/270/290/300/345/790E (90)	330/350/370/380/892E (100)	450/470/992E (110)
Doosan	DX85 (45)	DX140 (65)	DX210/225/235/250/255 (80)	DX210/225/235/250/255 (80)	DX250/255 (80) DX300 (90)	DX300 (90) DX340/350 (100)	DX420 (110)
Kobelco	SK/60/70/75/80/85 (50)	SK115/130/135/140/ED150/160 (65)	SK150/160/170/ED180/190/195 (70) SK200/210/215/230/235/260SR (80)	SK200/210/215/230/235/260SR (80)	SK220/250/260/270/290/295/300 (90)	SK330/350 (90)	SK480/485/500 (100)
Komatsu	PC60/75/78/80/88 (50)	PC100/120/128/130/138/158 (60)	PC150/160/180/PW170 (70) PC200/210/220/228/240/250/270/290 (80)	PC200/210/220/228/240/250/270/290 (80)	PC220/240/250/270/290 (80) PC300/350/360/390 (90)	PC300/350/360/390 (90) PC400/450/490 (100)	PC400/450/490-3/10 (100)
Link-Belt	75/80/1600Q (50)	130/135/145/2650Q (65)	160/2700Q/210/225/235/2800Q (80)	210/220/225/235/245/2800Q (80)	240/250/260/290/300/355/3400Q/3900Q (90)	330/350/380/4300Q (90) 460/470/5800Q (100)	460/470/490/5800Q (100)
New Holland	E80 (50)	EC130/135 (60)	E175/EC215 (70)	EC215 (70)	EC240/270 (90)	EC350 (100)	NA
Sany	SY75 (50)	SY135 (60/65)	SY200/210/215 (80)	SY200/210/215 (80)	SY235/SY310/335 (90)	SY310/335 (90)	NA
Volvo	NA	EC140/ECR145 (65)	EC160/180/EW160 (70) EC210/220/EW230/ECR235 (80)	EC210/220/EW230/ECR235 (80)	EC240/250/290/300/ECR305 (90)	EC290/300/ECR305 (90)	EC330/340/360/380/460/480 (110/100)

Note: The number in parenthesis is the pin size in millimeters. When there are two numbers, it is the front and back pins, respectively.

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