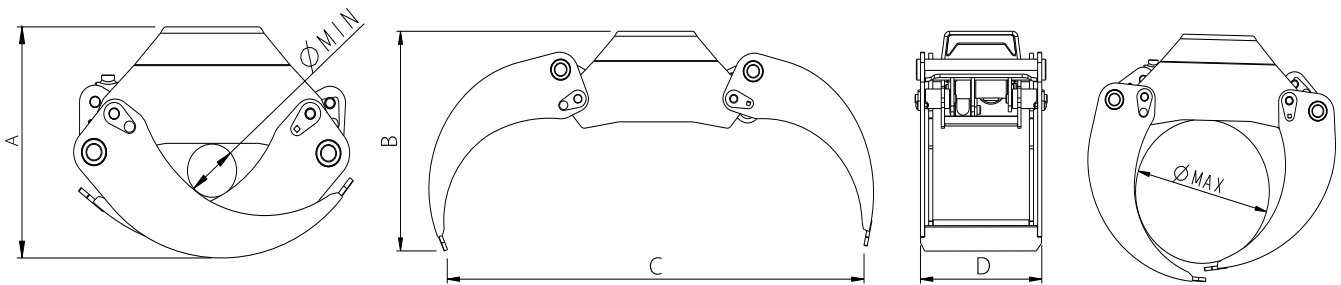


1.5 - 9.0 t

TIMBER GRAPPLES

Ideal for handling logs and long timber, PLE timber grapples are equipped with a 360° rotator and they are made of high-strength steel to offer maximum load capacity. Their chrome-plated steel claws and pins guarantee high smoothness and a long service life. Equipped with self-lubricating bushings and a cut-off valve as standard.



Model	PLE 100	PLE 110	PLE 140	PLE 150	PLE 160
Excavator (tonne)	1.5-2.0	2.1-3.5	3.6-6.5	5.8-6.5	6.6-9.0
Weight (kg)	60	80	130	175	220
Capacity (kg)	1000	1900	2200	2600	3500
ø min (mm)	70	70	100	130	100
A (mm)	385	420	499	570	630
B (mm)	510	560	660	660	818
C (mm)	1000	1100	1400	1500	1600
D (mm)	315	340	410	420	570



ROTATORS:



Model	IT-1	ITF-3	ITF-5	ITF-6	ITF-7
Recommended timber grapple	PLE 100	PLE 110	PLE 140	PLE 150	PLE 160
Weight (kg)	10	21.5	26	36	44
Max. static load (kg)	1000	3000	5000	6000	7000
Max. dynamic load (kg)	500	1500	2500	3000	3500
Torque (Nm)	450	1000	1300	1500	1800
Oil flow rate (l/min)	10	20	20	25	25
Max. operating pressure (bar)	250	250	250	250	250

ACCESSORIES:

Single pin coupler:

Model	PLE 100	PLE 110	PLE 140	PLE 150	PLE 160

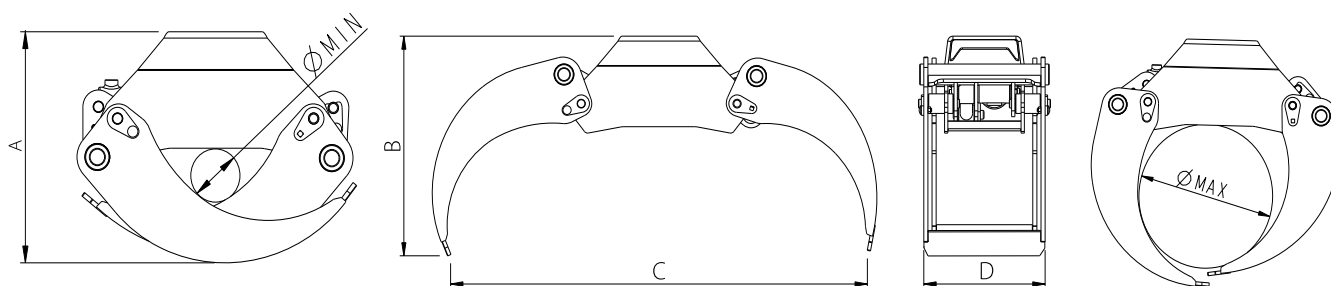
Quick-coupling attachment coupler:

Quick-coupling attachment	Excavator (tonne)							
	0.6-2.1	2.2-2.5	2.6-3.5	3.6-4.1	4.2-5.5	5.6-6.0	6.1-7.5	7.6-10.0
AR	AR 15	AR 30		AR 40		AR 50		AR 70
CR	CR 15	CR 30		CR 40		CR 50		CR 70
CS JANUS	CS 10	CS 30						CS 80
KLAC	KLAC C	KLAC D			KLAC E			KLAC F
S NORDIC	S30/150 - S30/180		S40-200				S45	S50
CM	CM 20	CM 30			CM 100			

2.0 - 9.0 t

OPEN TIMBER GRAPPLES

Equipped with a 360° rotator, PLE timber grapples (A), in the open version, are ideal for handling timber or brushwood and for loading chippers. Made of high-strength steel for maximum load capacity, WELDOX-reinforced claws and chrome-plated steel pins for high smoothness and a long service life. Equipped with self-lubricating bushings and a cut-off valve as standard.



Model	PLE 110 A	PLE 140 A	PLE 150 A	PLE 160 A
Excavator (tonne)	2.0-3.5	3.6-6.5	5.8-6.5	6.6-9.0
Weight (kg)	100	150	185	250
Capacity (kg)	1900	2200	2600	3500
ø min (mm)	70	100	130	100
A (mm)	420	499	570	630
B (mm)	560	660	580	818
C (mm)	1100	1400	1500	1600
D (mm)	460	520	530	670



ROTATORS:



Model	ITF-3	ITF-5	ITF-6	ITF-7
Recommended timber grapple	PLE 110 A	PLE 140 A	PLE 150 A	PLE 160 A
Weight (kg)	21.5	26	36	44
Max. static load (kg)	3000	5000	6000	7000
Max. dynamic load (kg)	1500	2500	3000	3500
Torque (Nm)	1000	1300	1500	1800
Oil flow rate (l/min)	20	20	25	25
Max. operating pressure (bar)	250	250	250	250

ACCESSORIES:

Single pin coupler:

Model	PLE 110 A	PLE 140 A	PLE 150 A	PLE 160 A

Quick-coupling attachment coupler:

Quick-coupling attachment	Excavator (tonne)							
	0.6-2.1	2.2-2.5	2.6-3.5	3.6-4.1	4.2-5.5	5.6-6.0	6.1-7.5	7.6-10.0
AR	AR 15	AR 30		AR 40		AR 50		AR 70
CR	CR 15	CR 30		CR 40		CR 50		CR 70
CS JANUS	CS 10	CS 30						CS 80
KLAC	KLAC C	KLAC D			KLAC E			KLAC F
S NORDIC	S30/150 - S30/180		S40-200				S45	S50
CM	CM 20	CM 30			CM 100			