

SMC – CARBON ARMS

The Atlas Copco carbon arms have a telescopic design for maximum flexibility in the workplace. The carbon arms are light weight with smooth movements to reduce the operator force to use the arms. Together with a balancer the carbon arms can either retract up or be used in a weightless position to improve operator comfort. The carbon arms minimize reaction force to prevent hand-arm-shoulder disorders. With minimized reaction force of the tool you will also improve finished product quality because there is no movement of the tool and all torque is absorbed in the joint.

- Telescopic design for maximum flexibility in the workplace.
- Light weight and smooth movements for operator comfort.
- Easy to use together with balancer to create weightless solution to improve ergonomics.
- Minimizes reaction force to prevent hand-arm-shoulder disorders.
- Minimizes pinching and can replace reaction bars.
- Improve finished product quality with all torque absorbed in the joint and no movement of the tool.



Model	Max torque		Min length mm	Max length mm	A Max tool holder swivel angle [deg]	Weight		Tool holder interface type	Ordering No.
	Nm	ft lb				kg	lb		
SMC 12 1150	12	8.9	516	1128	60	0.37	0.816	A	4390 1510 85
SMC 12 1600	12	8.9	666	1578	60	0.42	0.926	A	4390 1511 85
SMC 12 2100	12	8.9	835	2083	60	0.48	1.06	A	4390 1512 85
SMC 25 1150	25	18.4	524	1124	50	0.51	1.12	A	4390 1514 85
SMC 25 1600	25	18.4	674	1574	50	0.61	1.34	A	4390 1515 85
SMC 25 2100	25	18.4	841	2075	50	0.68	1.5	A	4390 1516 85
SMC 25 2600	25	18.4	1007	2573	50	0.77	1.7	A	4390 1517 85
SMC 50 1600	50	36.9	712	1624	40	0.95	2.09	B	4390 1518 85
SMC 50 2100	50	36.9	878	2125	40	1.05	2.31	B	4390 1519 85
SMC 50 2600	50	36.9	1045	2626	40	1.15	2.54	B	4390 1520 85
SMC 100 1600	100	73.8	722	1628	30	1.28	2.82	B	4390 1522 85
SMC 100 2100	100	73.8	889	2129	30	1.41	3.11	B	4390 1523 85
SMC 100 2600	100	73.8	1056	2630	30	1.53	3.37	B	4390 1524 85
SMC 200 1600	200	148	726	1628	20	1.98	4.37	-	4390 1526 85
SMC 200 2100	200	148	893	2129	20	2.18	4.81	-	4390 1527 85
SMC 200 2600	200	148	1060	2630	20	2.39	5.27	-	4390 1528 85
SMC 300 1600	300	221	744	1631	20	2.40	5.29	-	4390 1530 85
SMC 300 2100	300	221	911	2132	20	2.60	5.73	-	4390 1531 85
SMC 300 2600	300	221	1078	2633	20	2.81	6.20	-	4390 1532 85

Tool holder is ordered separately. Choose the appropriate balancer depending on tool weight. Order the balancer kit for easy and fast assembly.

NOTE: A: 17 mm square interface, B: 32 mm square interface. For SMC 200 the tool holders connect directly to the clevis of the arm.

Dimensions

