

MX-EC

THE ALL-ROUNDER IN FLEXIBILITY AND DURABILITY

With its fine-toothed ratchet system and quick-change mechanism for the square drive, it is perfect for versatile and demanding bolted joints.

Power ranges from 50 to 65,000 Nm and the smallest dimensions open up new possibilities for the MX-EC, even in hard-to-reach work areas.

ALSO
AVAILABLE AS
AN ATEX
VERSION



EXII 2 GD
Ex h IIB T4 Gb X
Ex h IIIC T110°C Db X



1

FLEXIBLE

2-axis hose connection
(rotatable and swivelling)

2

ROBUST

Extremely flat, lightweight
and high-strength housing

3

SAFE & COMFORTABLE

360° adjustable reaction arm

4

FAST

High speed thanks to
optimised compatibility
with Plarad power packs

SQS

SAFETY QUALITY
SERVICE SYSTEM



SQS Safety Quality Service system

Plarad hydraulic devices offer the reliability that is essential for absolute precision, high availability, and cost-effectiveness.

- ▶ Special high-pressure safety chamber with an operating pressure of up to 800 bar.
- ▶ Maximum torque accuracy and no jamming thanks to special drive system
- ▶ Integrated release shock absorber

+ QUALITY

- ▶ Durable fine-toothed ratchet system
- ▶ No jamming of the torque wrench regardless of the piston position
- ▶ Replaceable wear parts for effortless maintenance



UPGRADE
Combined with
Plarad power packs
suitable for docu-
mentation, torque and
angle of rotation
mode



+ SAFETY

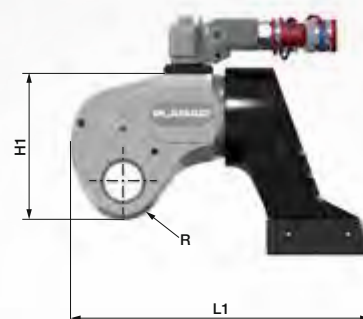
- ▶ SQS system: Hydraulic system encapsulated in a hardened steel cylinder for housing protection
- ▶ Protection against housing damage thanks to integrated release shock absorber
- ▶ The safety latch prevents unintentional unlocking of the support

+ OPTIONAL

- ▶ Available as a single hose system
- ▶ Various insertion tools with quick-change system available
- ▶ Wide range of customised reaction arms available



Various inserts
available as
accessories



MODELS // DATA

Typ Type	Drehmoment Torque max.		max. Betriebsdruck Pressure max.		L1		H1		R		B1		Gewicht* Weight*		Vierkant Squaredrive	Material
	Nm	ft-lbs	bar	psi	mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs	Zoll	
MX-EC 5 TSM	500	369	800	11,600	138,0	5.43	47,0	1.85	16,0	0.63	35	1.38	1,65	3.64	1/2"	Steel
MX-EC 10	1.000	738	800	11,600	166,0	6.54	78,5	3.09	20,5	0.81	40	1.57	2,60	5.73	3/4"	Steel
MX-EC 20	2.100	1,549	800	11,600	194,5	7.66	93,0	3.66	24,0	0.94	50	1.97	2,50	5.51	1"	Aluminium
MX-EC 45	4.500	3,319	800	11,600	255,8	10.07	127,0	5.00	32,0	1.26	67	2.64	4,90	10.80	1"	Aluminium
MX-EC 75	7.500	5,532	800	11,600	304,0	11.97	108,5	4.27	37,5	1.48	80	3.15	7,30	16.09	1 1/2"	Aluminium
MX-EC 95	9.500	7,007	800	11,600	301,5	11.87	156,0	6.14	42,0	1.65	85	3.35	9,50	20.94	1 1/2"	Aluminium
MX-EC 120	12.000	8,851	800	11,600	341,0	13.43	169,0	6.65	46,0	1.81	93	3.66	10,50	23.15	1 1/2"	Aluminium
MX-EC 155	15.500	11,433	800	11,600	360,0	14.17	181,0	7.13	49,0	1.93	100	3.94	13,50	29.76	1 1/2"	Aluminium
MX-EC 200	20.500	15,121	800	11,600	394,0	15.51	213,0	8.39	55,0	2.17	112	4.41	20,50	45.19	2 1/2"	Aluminium
MX-EC 300	30.000	22,128	800	11,600	436,0	17.17	245,0	9.65	61,5	2.42	130	5.12	35,50	78.26	2 1/2"	Aluminium
MSX/T 400	40.000	29,504	800	11,600	453,0	17.83	273,5	10.77	66,5	2.62	136	5.35	49,30	108.69	2 1/2"	Aluminium
MSX/T 650	65.000	47,944	800	11,600	431,0	16.97	329,5	12.97	84,0	3.31	155	6.10	77,70	171.30	2 1/2"	Aluminium

All appliances with twin swivel (double-acting - TS) and 2-axis hose connection (2AS)

Repeat accuracy: ≤ 4%, depending on the bolted joint. Technical data without guarantee. *Specification with reaction arm.