



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE NOX TR ROTARY HYDRAULIC ACTUATOR ENABLES CONTINUOUS ROTATION THROUGH 360° AND A TILT ANGLE OF 50° ON BOTH SIDES, PERMITTING THE MAXIMUM EFFICIENCY ON ANY APPLICATION AND SAVING TIME AND RESOURCES. IN THIS CASE, THE PRECISE, WELL CALIBRATED INFILLING OF TRENCHES AND THE MOVING OF DIFFERENT TYPES OF MATERIALS IN TIGHT AREAS ARE NO PROBLEM. THE ACTUATOR IS EQUIPPED WITH STANDARD HYDRAULIC JOINT



STANDARD TECHNICAL FEATURES

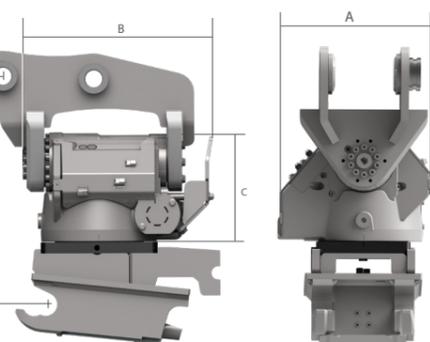
- 1 CONTROL BOX (DF04)**
ELECTRONIC COMPONENT THAT ALLOWS CONTROL OF THE VARIOUS FUNCTIONS OF THE ROTOTWIST. DIRECTLY FROM THE CAB THE OPERATOR CAN CONTROL: ROTATION, TILT, HYDRAULIC LINES FOR THE ATTACHMENTS AND HYDRAULIC QUICK COUPLER WHEN REQUIRED. THE DF04 SYSTEM REQUIRES THE OPERATING MACHINE TO BE EQUIPPED WITH TWO DOUBLE-ACTING HYDRAULIC LINES. FOR DIFFERENT OPERATING MACHINE CONFIGURATIONS OTHER THAN DF04 CAN BE CONSIDERED.
- 2 BLOCK VALVE**
IT ALLOWS TO MAINTAIN THE TOOL'S CHOSEN POSITION EVEN WITH MACHINES WITH OPEN CENTRE CIRCUITS AND IN CASE OF LEAKAGE.
- 3 FIXED ATTACK CONFIGURATION (A) OR ADAPTER CONFIGURATION (B) ***

OPTIONAL

- 4 LIFTING HOOK (ONLY IN FIXED CONNECTION VERSION)**
UPON REQUEST, A LOADING HOOK WILL BE FITTED, COVERED WITH AN APPROVAL ON THE CONFORMITY DECLARATION OF OUR PRODUCT. **NB* THE LIFTING CAPACITY OF THE HOOK IS ADJUSTED ACCORDING TO THE SUPPORT TO WHICH THE HOOK IS APPLIED. THIS CAPACITY IS INDICATED IN THE PRODUCT'S OWNER'S MANUAL.**
- 5 GRAB MODULE TRG**
IDEAL FOR HANDLING LOGS AND PIPES, IT IS INTEGRATED IN THE LOWER QUICK COUPLER AND DOES NOT AFFECT THE HEIGHT OR THE MOVEMENT F THE ATTACHMENT. THE GRAB IS ONLY AVAILABLE ON DOUBLE ACTING COUPLINGS.

MATCHING QUICK COUPLERS

- 6 AR Fast Lock
- 7 CR Twin Lock EVO • CR Twin Lock D.E. EVO
- 8 CS Schnappmatic EVO • CS Schnappmatic D.E. EVO
- 9 CS Schnappmatic D.E. CS 100
- 10 M'Lock S.A. EVO • M'Lock D.E. EVO
- 11 S Nordic EVO System
- 12 PL Pin Lock • PL Pin Lock D.E.
- 13 CW Hand'o'Lock • CW Hand'o'Lock D.E.



*TONS (LB)	2,0 - 4,5 (4480 - 10080)	4,0 - 7,0 (8818 - 15432)	6,0 - 11,0 (13227 - 24251)	10,0 - 14,0 (22046 - 30865)	14,0 - 19,0 (30865 - 41888)	19,0 - 25,0 (41888 - 55116)		
MOD.	ROTOTWIST NOX TR 045	ROTOTWIST NOX TR 07	ROTOTWIST NOX TR 11	ROTOTWIST NOX TR 14	ROTOTWIST NOX TR 19	ROTOTWIST NOX TR 25		
A	MM (IN)	380 (15)	385 (15)	428 (17)	478 (19)	475 (19)	525 (21)	
B	MM (IN)	435 (17)	460 (18)	550 (23)	730 (29)	760 (30)	845 (33)	
C	MM (IN)	315 (12)	315 (12)	350 (18)	390 (15)	420 (17)	470 (19)	
D (FROM)	MM (IN)	380 (15)	420 (17)	475 (17)	565 (22)	580 (22)	650 (26)	
	KG (LB)	150 (331)	200 (440)	320 (705)	485 (1069)	580 (1278)	860 (1895)	
	L/MIN (GAL/MIN)	30 - 80 (7-21)	30 - 80 (7-21)	40 - 100 (10-26)	80 - 160 (21-42)	100 - 180 (26-47)	120 - 200 (31-52)	
	L/MIN (GAL/MIN)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	
	KN	40	50	75	110	150	170	
	CONFIGURATION	DF04	DF04	DF04	DF04	DF04	DF04	
	MAX. BUCKET WIDTH	MM (IN)	1100 (43)	1100 (43)	1300 (51)	1600 (63)	1700 (67)	2000 (79)

	W/O COUPLER, PLATE AND QUICK COUPLER
	ROTOTWIST
	HYDRAULIC JOINT
	MAX. BREAKOUT FORCE (ISO)
	CONFIGURATION
	MAX. BUCKET WIDTH

* LOAD CAPACITIES ARE GUIDELINE: CANGINI RESERVES THE RIGHT TO VERIFY PAIRINGS DEPENDING ON THE WORKING LOAD OF THE PARENT MACHINE.

MATCHING QUICK COUPLERS



	TONS (LB)	2,0 - 4,5 (4480 - 10080)		4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,0 (13228 - 15432)	6,0 - 7,0 (13228 - 15432)					10,0 - 11,0 (22046 - 26455)		14,0 - 18,0 (30864 - 39683)		18,0 - 19,0 (39683 - 41887)		19,0 - 25,0 (41887 - 55115)
		TONS	2,0 - 2,5	2,5 - 4,5	4,0 - 5,0	5,0 - 6,0	6,0 - 7,0	6,0 - 7,0	7,0 - 8,0	8,0 - 9,0	9,0 - 10,0	10,0 - 11,0	10,0 - 11,0	11,0 - 12,0	14,0 - 18,0	18,0 - 19,0	19,0 - 25,0	
		ROTOTWIST NOX TR 045			ROTOTWIST NOX TR 07			ROTOTWIST NOX TR 11					ROTOTWIST NOX TR 14		ROTOTWIST NOX TR 19		ROTOTWIST NOX TR 25	
6		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 30 S.A.	AR 40 S.A.	-	AR 50 S.A.	AR 50 S.A.	AR 70 S.A.	-	-	-	-	-	-	-	-	-	-
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 30 S.E.	AR 40 S.E.	-	AR 50 S.E.	AR 50 S.E.	AR 70 S.E.	-	-	-	-	-	-	-	-	-	-
7		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC EVO	CR 30 S.A.	CR 40 S.A.	-	CR 50 S.A.	CR 50 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	-	-	-	-	-
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT EVO	CR 30 S.E.	CR 40 S.E.	-	CR 50 S.E.	CR 50 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	-	-	-	-	-
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT EVO	CR 30 D.E.	CR 40 D.E.	-	CR 50 D.E.	CR 50 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	-	-	-	-	-
8		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC EVO	CS 10 S.A.	CS 30 S.A.	-	CS 30 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	-	-	-	-	-
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT EVO	CS 10 S.E.	CS 30 S.E.	-	CS 30 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	-	-	-	-	-
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT EVO	CS 10 D.E.	CS 30 D.E.	-	CS 30 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	-	-	-	-	-
9		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	-	-	-	-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	-	-	
10		M'LOCK MECHANICAL SEMI-AUTOMATIC EVO	M'LOCK 30 S.A.	M'LOCK 30 S.A.	-	M'LOCK 100 S.A.	M'LOCK 100 S.A.	M'LOCK 100 S.A.	M'LOCK 100 S.A.	-	-	-	-	-	-	-	-	
		M'LOCK HYDRAULIC DOUBLE EFFECT EVO	M'LOCK 30 D.E.	M'LOCK 30 D.E.	-	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	-	-	-	-	
11		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC EVO	S 30 S.A.	S 40-200 S.A.	-	S 40-200 S.A.	S 40-200 S.A.	-	-	-	-	-	-	-	-	-	-	
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT EVO	S 30 D.E.	S 40-200 D.E.	-	S 40-200 D.E.	S 40-200 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 60 D.E.	-
12		PL PIN LOCK MECHANICAL	PL 20	PL 40	PL 60	PL 60	PL 60	PL 60	PL 60	PL 80	PL 80	PL 80	-	-	-	-	-	
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	-	PL 40 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 80 D.E.	PL 80 D.E.	PL 80 D.E.	-	PL 100 D.E.	PL 100 D.E.	-	-	-
13		CW HAND'O'LOCK / AUTO'LOCK MECHANICAL	CW 05 S.A.	CW 05	-	CW 10	CW 10	CW 10	CW 10	CW 10	CW 10	-	-	-	-	-	-	
		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 05 D.E.	-	-	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20S D.E.	CW 20S D.E.	CW 20S D.E.	CW 20S D.E.	CW 20S D.E.	CW 30S D.E.	CW 30S D.E.	CW 30S D.E.

GRAB MODULE TRG



		TONS (LB)	4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,0 (13228 - 15432)
			ROTOTWIST NOX TR 07		
			MOD.	TRG 11	TRG 11
7	CR TWIN LOCK HYDRAULIC DOUBLE EFFECT EVO			CR 50 D.E.	CR 70 D.E.
			MOD.	TRG 07	TRG 11
8	CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT EVO			CS 30 D.E.	CS 80 D.E.
			MOD.		
9	CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT			-	-
			MOD.	TRG 11	TRG 11
10	M'LOCK HYDRAULIC DOUBLE EFFECT EVO			M'LOCK 100 D.E.	M'LOCK 100 D.E.
			MOD.	TRG 07	TRG 07
				S 40-200 D.E.	S 40-200 D.E.
11	S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT EVO				S 45 D.E.
					S 50 D.E.
			MOD.	TRG 11	TRG 11
12	PL PIN LOCK HYDRAULIC DOUBLE EFFECT			PL 60 D.E.	PL 60 D.E.
			MOD.	TRG 11	TRG 11
13	CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT			CW 10 D.E.	CW 10 D.E.

6,0 - 7,0 (13228 - 15432)	7,0 - 8,0 (15432 - 17637)	8,0 - 9,0 (17637 - 19841)	9,0 - 10,0 (19841 - 22046)	10,0 - 11,0 (22046 - 26455)	10,0 - 11,0 (22046 - 24250)	11,0 - 12,0 (24250 - 26455)	14,0 - 18,0 (30864 - 39683)	18,0 - 19,0 (39683 - 41887)	19,0 - 25,0 (41887 - 55115)
ROTOTWIST NOX TR 11					ROTOTWIST NOX TR 14		ROTOTWIST NOX TR 19		ROTOTWIST NOX TR 25
TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	-	-	-
CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	-	-	-
TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	-	-	-
CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	-	-	-
							TRG 19	TRG 19	TRG 19
-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	-
TRG 11	TRG 11	TRG 11	TRG 11	TRG 19	-				
M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	M'LOCK 180 D.E.	-	-
TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 11	TRG 19	-	-
S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 60 D.E.	-	-
S 50 D.E.	S 50 D.E.	S 50 D.E.	S 50 D.E.	S 50 D.E.	S 50 D.E.	S 50 D.E.	-	-	-
						S 60 D.E.	-	-	-
TRG 11	TRG 11	TRG 11	TRG 11		TRG 11	TRG 11	-	-	-
PL 60 D.E.	PL 80 D.E.	PL 80 D.E.	PL 80 D.E.	-	PL 100 D.E.	PL 100 D.E.	-	-	-
TRG 11	TRG 11	TRG 11	TRG 11	TRG 19	TRG 19	TRG 19	TRG 19	TRG 23	TRG 25
CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20S D.E.	CW 20S D.E.	CW 30S D.E.	CW 30S D.E.	CW 30S D.E.