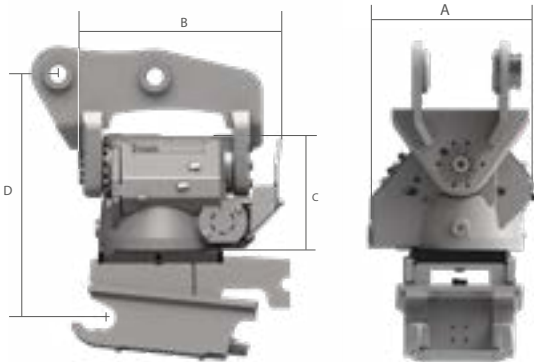




NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

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



	W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	200 (440)	320 (705)	485 (1069)	580 (1278)	860 (1895)
	ROTOTWIST	L/MIN (GAL/MIN)	30 - 80 (7-21)	40 - 100 (10-26)	80 - 160 (21-42)	100 - 180 (26-47)	120 - 200 (31-52)
	HYDRAULIC JOINT	L/MIN (GAL/MIN)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)	70 / 30 (18-8)
	MAX. BREAKOUT FORCE (ISO)	KN	50	75	110	150	170
	CONFIGURATION		DF04	DF04	DF04	DF04	DF04
	MAX. BUCKET WIDTH	MM (IN)	1100 (43)	1300 (51)	1600 (63)	1700 (67)	2000 (79)

* LOAD CAPACITIES ARE GUIDELINE: CANGINI RESERVES THE RIGHT TO VERIFY PAIRINGS DEPENDING ON THE WORKING LOAD OF THE PARENT MACHINE, WHICH MUST ALSO HAVE 4 PIPELINES



STANDARD TECHNICAL FEATURES

- 1 CONTROL BOX (DF04)

THE HYDRAULIC ROTATION CIRCUIT FOR CONTROL OF NOX ROTATION ENABLES CONTROL OF TILT AND OF THE ADDITIONAL FUNCTIONS OF THE QUICK-FIT COUPLING DIRECTLY FROM THE CAB. THE ON/OFF BUTTON ON THE DISPLAY SWITCHES BETWEEN THE VARIOUS FUNCTIONS. FOR THE DF04 CONTROL SYSTEM, THE PARENT MACHINE MUST HAVE 4 PIPELINES.
- 2 BLOCK VALVE

IT ALLOWS TO MAINTAIN THE TOOL'S CHOSEN POSITION EVEN WITH MACHINES WITH OPEN CENTRE CIRCUITS AND IN CASE OF LEAKAGE

OPTIONAL

- 3 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE ROTOTWIST.
- 4 GRAB MODULE TRG

IDEAL FOR HANDLING LOGS AND PIPES, IT DOES NOT INTERACT WITH THE ATTACHMENT'S MOTOR. THE COLLET MODULE IS ONLY AVAILABLE ON DOUBLE ACTING COUPLINGS

MATCHING QUICK COUPLERS

- 5 AR Fast Lock

6 CR Twin Lock • CR Twin Lock D.E.

7 CS Schnappmatic • CS Schnappmatic D.E.

8 CS Schnappmatic D.E. CS 100

9 CM Sicurmatic • M'Lock D.E.
- 10 S Nordic System • S Nordic EVO System

11 PL Pin Lock • PL Pin Lock D.E.

12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS

		TONS (LB)	4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,0 (13228 - 15432)
		TONS	4,0 - 5,0	5,0 - 6,0	6,0 - 7,0
			ROTOTWIST NOX TR 07		
5		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 50 S.A.	AR 50 S.A.	AR 70 S.A.
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 50 S.E.	AR 50 S.E.	AR 70 S.E.
6		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 50 S.A.	CR 50 S.A.	CR 70 S.A.
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 50 S.E.	CR 50 S.E.	CR 70 S.E.
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT	CR 50 D.E.	CR 50 D.E.	CR 70 D.E.
7		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 30 S.A.	CS 80 S.A.	CS 80 S.A.
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 30 S.E.	CS 80 S.E.	CS 80 S.E.
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	CS 30 D.E.	CS 80 D.E.	CS 80 D.E.
8		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT		-	-
9		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.
		M'LOCK HYDRAULIC DOUBLE EFFECT	M'LOCK 100 D.E.	M'LOCK 100 D.E.	M'LOCK 100 D.E.
10		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 40-200 S.A.	S 40-200 S.A.	-
			S 40-200 D.E.	S 40-200 D.E.	S 45 D.E.
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT			S 50 D.E.
11		PL PIN LOCK MECHANICAL	PL 60	PL 60	PL 60
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.
12		CW HAND'O'LOCK MECHANICAL	CW 10	CW 10	CW 10
		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 10 D.E.	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)
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 - 14,0	14,0 - 18,0	18,0 - 19,0	19,0 - 25,0
ROTOTWIST NOX TR 11					ROTOTWIST NOX TR 14		ROTOTWIST NOX TR 19		ROTOTWIST NOX TR 25
AR 70 S.A.	-	-	-	-	-	-	-	-	-
AR 70 S.E.	-	-	-	-	-	-	-	-	-
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 70 S.A.	-	-	-
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 70 S.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.	CR 70 D.E.	-	-	-
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 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 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.	-	-	-
-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	-
CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	-	-	-	-	-	-
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.	-	-
-	-	-	-	-	-	-	-	-	-
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.	-	-	-
PL 60	PL 80	PL 80	PL 80	-	-	-	-	-	-
PL 60 D.E.	PL 80 D.E.	PL 80 D.E.	PL 80 D.E.	-	PL 100 D.E.	PL 100 D.E.	-	-	-
CW 10	CW 10	CW 10	CW 10	-	-	-	-	-	-
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.

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		
4		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT	MOD. TRG 11 CR 50 D.E.	TRG 11 CR 50 D.E.	TRG 11 CR 70 D.E.
4		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	MOD. TRG 07 CS 30 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.
4		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	MOD.	-	-
4		M'LOCK HYDRAULIC DOUBLE EFFECT	MOD. TRG 11 M'LOCK 100 D.E.	TRG 11 M'LOCK 100 D.E.	TRG 11 M'LOCK 100 D.E.
4		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	MOD. TRG 07 S 40-200 D.E.	TRG 07 S 40-200 D.E.	TRG 11 S 45 D.E. S 50 D.E.
4		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	MOD. TRG 11 PL 60 D.E.	TRG 11 PL 60 D.E.	TRG 11 PL 60 D.E.
4		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	MOD. TRG 11 CW 10 D.E.	TRG 11 CW 10 D.E.	TRG 11 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 CR 70 D.E.	TRG 11 CR 70 D.E.	TRG 11 CR 70 D.E.	TRG 11 CR 70 D.E.	TRG 11 CR 70 D.E.	TRG 11 CR 70 D.E.	TRG 11 CR 70 D.E.	-	-	-
TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	TRG 11 CS 80 D.E.	-	-	-
-	-	-	-	-	TRG 19 CS 100 D.E.		TRG 19 CS 100 D.E.	TRG 19 CS 100 D.E.	-
TRG 11 M'LOCK 100 D.E.	TRG 11 M'LOCK 100 D.E.	TRG 11 M'LOCK 100 D.E.	TRG 11 M'LOCK 100 D.E.	TRG 19 M'LOCK 180 D.E.	TRG 19 M'LOCK 180 D.E.	TRG 19 M'LOCK 180 D.E.	TRG 19 M'LOCK 180 D.E.	-	-
TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 11 S 45 D.E.	TRG 19 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 PL 60 D.E.	TRG 11 PL 80 D.E.	TRG 11 PL 80 D.E.	TRG 11 PL 80 D.E.	-	TRG 11 PL 100 D.E.	TRG 11 PL 100 D.E.	-	-	-
TRG 11 CW 10 D.E.	TRG 11 CW 10 D.E.	TRG 11 CW 10 D.E.	TRG 11 CW 10 D.E.	TRG 19 CW 20S D.E.	TRG 19 CW 20S D.E.	TRG 19 CW 20S D.E.	TRG 19 CW 30S D.E.	TRG 23 CW 30S D.E.	TRG 25 CW 30S D.E.