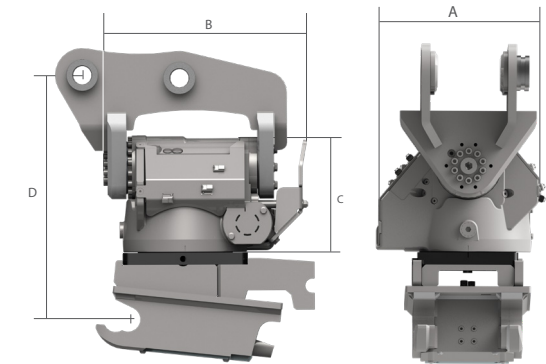




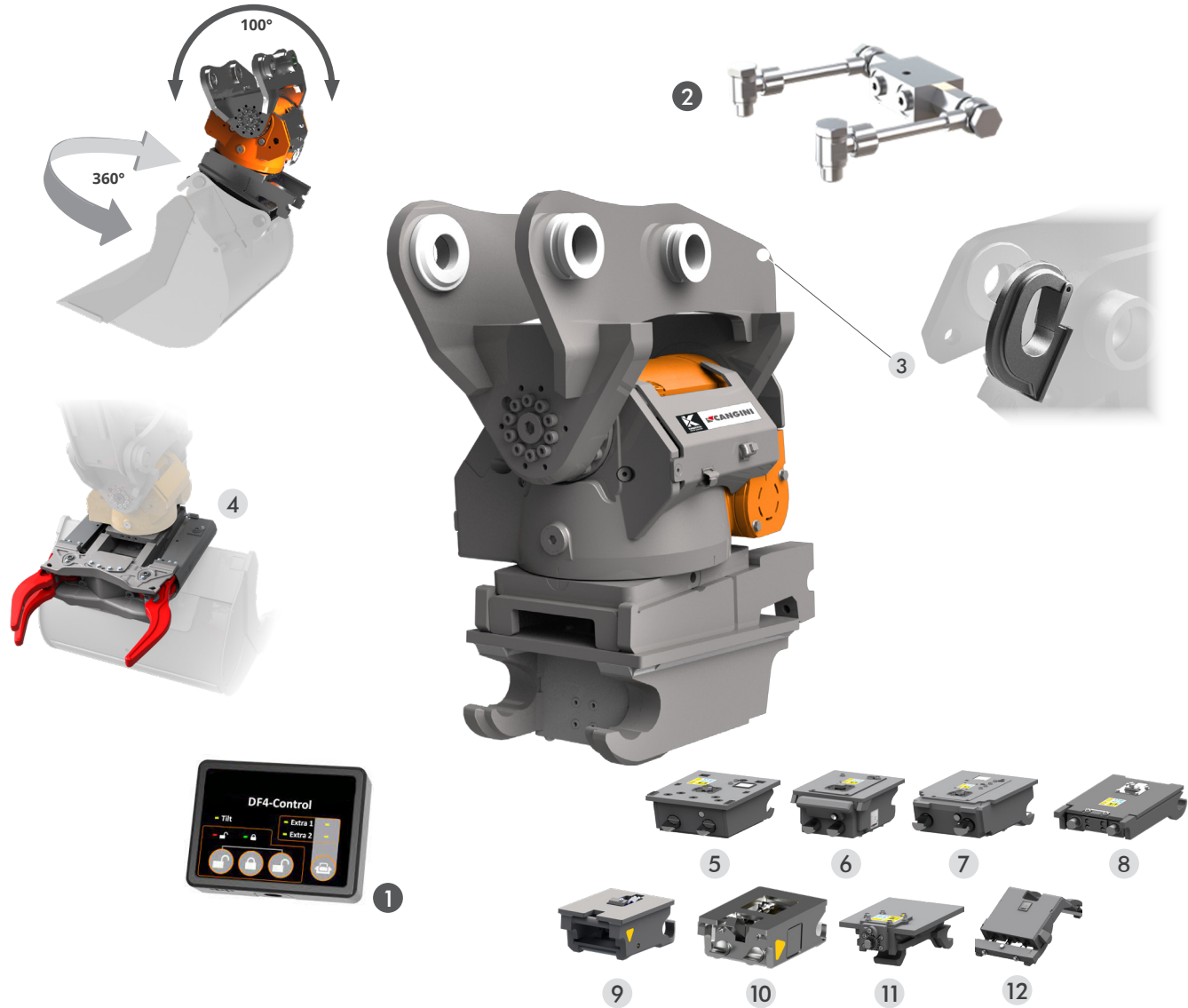
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

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



		*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)
	W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	150 (331)	200 (440)	320 (705)	485 (1069)	580 (1278)	860 (1895)
	ROTOTWIST	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)
	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)	70 / 30 (18-8)
	MAX. BREAKOUT FORCE (ISO)	KN	40	50	75	110	150	170
	CONFIGURATION		DF04	DF04	DF04	DF04	DF04	DF04
	MAX. BUCKET WIDTH	MM (IN)	1100 (43)	1200 (47)	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.



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

OPTIONAL

3 LIFTING HOOK

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.

4 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

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

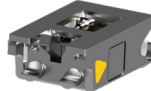
9 CM Sicurmatic • M'Lock D.E.

10 S Nordic System • S Nordic EVO System

11 PL Pin Lock • PL Pin Lock D.E.

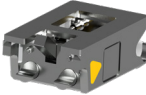
12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS

		TONS (LB)	2,0 - 4,5 (4480 - 10080)			4,0 - 5,0 (8818 - 11023)		5,0 - 6,0 (11023 - 13228)		6,0 - 7,0 (13228 - 15432)		
TONS			2,0 - 2,5		2,5 - 4,5		4,0 - 5,0		5,0 - 6,0		6,0 - 7,0	
			ROTOTWIST NOX TR 045				ROTOTWIST NOX TR 07					
5		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.			
6		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 30 S.A.	CR 40 S.A.	-		CR 50 S.A.	CR 50 S.A.	CR 70 S.A.			
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 30 S.E.	CR 40 S.E.	-		CR 50 S.E.	CR 50 S.E.	CR 70 S.E.			
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT	CR 30 D.E.	CR 40 D.E.	-		CR 50 D.E.	CR 50 D.E.	CR 70 D.E.			
7		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 10 S.A.	CS 30 S.A.	-		CS 30 S.A.	CS 80 S.A.	CS 80 S.A.			
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 10 S.E.	CS 30 S.E.	-		CS 30 S.E.	CS 80 S.E.	CS 80 S.E.			
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	CS 10 D.E.	CS 30 D.E.	-		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	M'LOCK 30 S.A.	M'LOCK 30 S.A.	-		M'LOCK100	M'LOCK100	M'LOCK100			
		M'LOCK HYDRAULIC DOUBLE EFFECT	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.			
10		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 30 S.A.	S 40-200 S.A.	-		S 40-200 S.A.	S 40-200 S.A.	-			
			S 30 D.E.	S 40-200 D.E.	-		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 20	PL 40	PL 60		PL 60	PL 60	PL 60			
		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.			
12		CW HAND'O'LOCK / AUTO'LOCK MECHANICAL	CW 05 S.A.	CW 05	-		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.			

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.	-
M'LOCK100	M'LOCK100	M'LOCK100	M'LOCK100	-	-	-	-	-	-
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	TRG 11
				CR 50 D.E.	CR 70 D.E.
4		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	MOD.	TRG 07	TRG 11
				CS 30 D.E.	CS 80 D.E.
4		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT	MOD.		
				-	-
4		M'LOCK HYDRAULIC DOUBLE EFFECT	MOD.	TRG 11	TRG 11
				M'LOCK 100 D.E.	M'LOCK 100 D.E.
4		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	MOD.	TRG 07	TRG 11
				S 40-200 D.E.	S 45 D.E.
4		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	MOD.	TRG 11	TRG 11
				PL 60 D.E.	PL 60 D.E.
4		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	MOD.	TRG 11	TRG 11
				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 CS 100 D.E.	TRG 19 CS 100 D.E.	TRG 19 CS 100 D.E.	-
TRG 11	TRG 11	TRG 11	TRG 11	TRG 19	TRG 19	TRG 19	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.