

MANUAL : SR12

PUMPING : SR14

LIMIT SWITCH : SR20

MOVEMENTS	CONDITIONS	PLC INPUTS	SOLENOID VALVES	PUMPING CONTROL (CTRL)	
				PUMPING	MANUAL
SKIP RAISING	P1./b2	%I3.26./%I3.14	B20	%Q5.12	H11
LID OPENING	/E1	%I3.17	E20.E40	%Q5.13	H11.H21
LID CLOSING	P1./e2 ( e2 MEMO )	%I3.26./%I3.20	E30	%Q5.14	W11.W21.W31.W41.W51
SIDE PRESS FORWARD	P1	I3.26	T10.T30	%Q5.16	H2
SIDE PRESS FORWARD	/T1	%I3.21	T20.T40	%Q5.18	H5
SIDE PRESS AUTOMATIC BACKWARD	(MEMO LOSS T3) ./T3./T1 MEMO (t3)	W31.%I3.23 .%I3.21	T20.T40	%Q5.17	H4
PUSHER FORWARD	t3.e3.((c1.o1)+ (c2,c20.memo op2))	13.23.I3.18.((I4.0.I4.5)+ (I4.1.I4.12.W61)) .%I3.26	P10.P30	%Q5.20	W11./21/.31
PUSHER BACKWARD	/P1		P20.P40	%Q5.20	H3 (H2 AT LOST p5)
HOLD DOWN RAISING	/H1	%I4.5	R20.R40	%Q5.21	H2
HOLD DOWN DESCENT	P5.UNLOCK/LOCK	%I3.29.%I4.9.%I4.10	R30	%Q5.23	H2
SHEAR RAISING	/C1	%I4.0	C20.C40	%Q5.29	H4
SHEAR DESCENT	/C2.UNLOCK/LOCK	%I4.1.%I4.7.%I4.8	C20 - /cp6 C10 - cp6 C30	%Q5.30	W11.W21.W31.W41
					H5 + B5 H5 + BOOSTER B5

\*\*\* AUTO FORWARDING IN MANUAL MODE IS USED TO SET **t3** SENSOR (SIDE PRESS ON LINE)  
**THIS FUNCTION CAN BE STARTED 'CYCLE START' PUSH BUTTON WHILE FORWARDING  
AND STOPPED WITH 'CYCLE STOP' OR 'MOTORS STOP' PUSH BUTTON.**

BLADES CHANGING SHEAR RAISING	NO CONDITIONS	C40 C20. C10.C30	%Q5.28.%Q5.26 %Q5.25.%Q5.27	W10 W10	B1	B1	W9
BLADES CHANGING SHEAR DESCENT		R20.R40 R30	%Q5.29.%Q5.31 %Q5.30	W10 W10	B1	B1	W9
BLADES CHANGING HOLD DOWN RAISING							W9
BLADES CHANGING HOLD DOWN DESCENT							W9

DESIGN/DRAN	DATE	MANUAL MODE	INO	OPTIE	MODIFICATION/REVISION	PRR	VERST	APPROVE OF PLAN	
								A	22-10-2003
ML B	22-10-2003								
VERIFY/CHECKED	DATE								
ML B	22-10-2003	NOVORDS							031010
									06/12

**COPPEX**

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