

Control boxes - supplement

The HARDI Control boxes are found in different versions depending on your sprayer model and its equipment.

Operation - Spray boxes

The functions are operated as follows:

Fig. 1 Sprayer with standard spray box.

Fig. 2 Sprayer with the HARDI TWIN system.

1. Power ON/OFF
2. Spray pressure regulation
3. Main valve ON/OFF
4. Optional function
5. Optional function
6. End nozzle (Left/OFF/Right)
7. Foam marker blob interval
8. Foam marker (Left/OFF/Right)
9. Section valves
10. Fan speed (TWIN only)
11. TWIN angling (TWIN only)

Fig. 1 Standard spray box

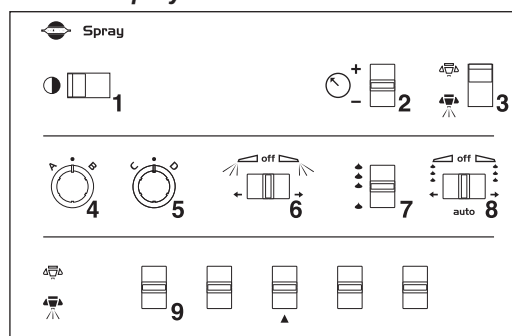
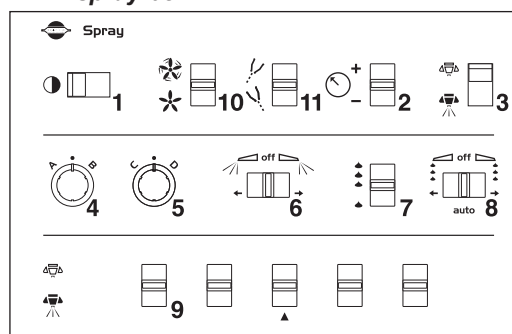


Fig. 2 TWIN spray box



Operation - Hydraulic boxes

The function are operated as follows:

Fig. 3 Sprayer equipped with VHZ boom.

1. Power ON/OFF
2. Pendulum lock
3. Boom slanting
4. Boom inner folding left
5. Boom inner folding right
6. Boom outer folding left
7. Boom outer folding right

Fig. 3 VHZ Hydraulic

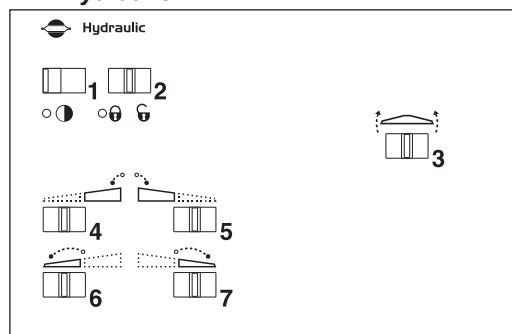


Fig. 4 Sprayer equipped with LPZ or GVA boom.

Fig. 5 Sprayer equipped with HPZ or HAZ boom.

1. Power ON/OFF
2. Pendulum lock
3. Boom tilt left
4. Boom lift raise/lower
5. Boom tilt right
6. Boom slanting
7. Boom outer folding left (both sides on HPZ/HAZ)
8. Boom inner folding (both sides)
9. Optional function
10. Optional function
11. Manual track control (left/right)
12. Track control auto (manual/auto/lock)
13. Boom outer folding right (LPZ/GVA only)

Fig. 4 LPZ/GVA Hydraulic

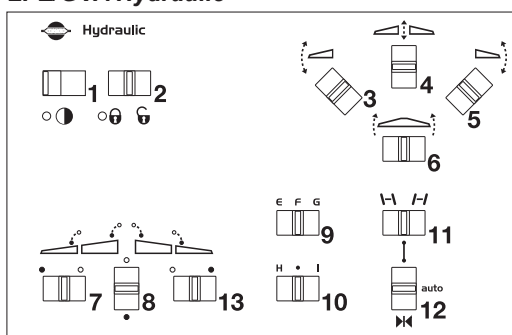
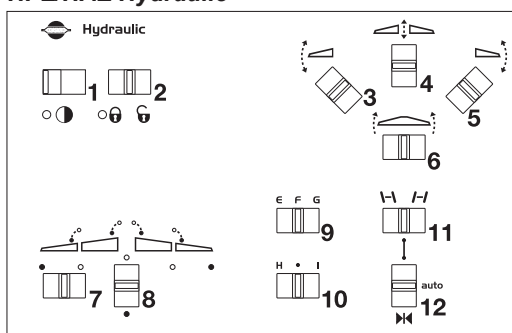


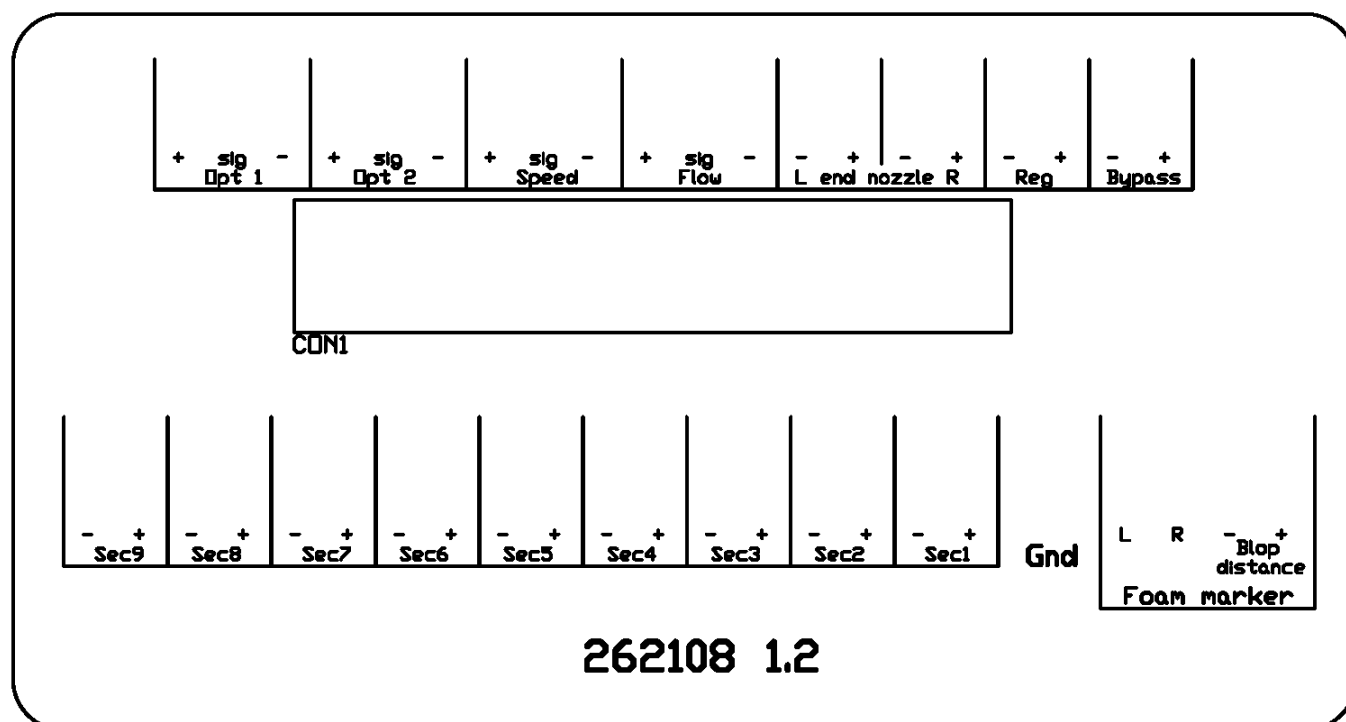
Fig. 5 HPZ/HAZ Hydraulic



Control boxes - supplement

Print for Section valves

When connecting an optional function, be aware that maximum current for every connector is 2 Amp. Total current for the whole connector box may not exceed 10 Amp.



General:

	2500		+	Sig.	-	5500		+	Sig.	-	NOVA		+	Sig.	-			
Opt 1	Pressure sensor	Bm	Blu	-	Pressure sensor	Bm	Blu	-	Boom sensor	Bm	Gre	Whi						
Opt 2	RPM sensor	Bm	Blu	Blk	RPM sensor or anemometer	Bm	Blu	Blk	Pressure sensor	Bm	Gre	Whi						
Speed		Bm	Blu	Blk		Bm	Blu	Blk		Bm	Blu	Blk						
Flow		Bm	Blu	Blk		Bm	Blu	Blk		Bm	Blu	Blk						
L end nozzle	<i>Pendulum lock at HAY</i>	Bm		Blu	<i>Pendulum lock at HAY</i>	Bm		Blu	User-defined functions C&D									
R end nozzle	<i>Pendulum lock at HAY</i>	Bm		Blu	<i>Pendulum lock at HAY</i>	Bm		Blu	Or pendulum lock HAY - See 679037									
Reg (Yellow)		Bm		Blu		Bm		Blu										
Bypass	EC on/off	Bm		Blu	EC on/off	Bm		Blu	EC on/off or EC motors for circulation	Bm		Blu						
Sec 9	User defined A&B 2	x		x	User defined A&B 2	x		x		Bm		Blu						
Sec 8	User defined A&B 1	x		x	User defined A&B 1	x		x		Bm		Blu						
Sec 7	Twin speed	Bm		Whi	Twin speed	Bm		Whi		Bm		Blu						
Sec 6	Twin angle	Yel.		Gre	Twin angle	Yel.		Gre		Bm		Blu						
Sec 5		Bm		Blu		Bm		Blu		Bm		Blu						
Sec 4		Bm		Blu		Bm		Blu		Bm		Blu						
Sec 3		Bm		Blu		Bm		Blu		Bm		Blu						
Sec 2		Bm		Blu		Bm		Blu		Bm		Blu						
Sec 1		Bm		Blu		Bm		Blu		Bm		Blu						
GND																		
		Gnd	L	R	-	+		Gnd	L	R	-	+		Gnd	L	R	-	+
Foam marker	No. 4 Not used	2	6	5	1	3	No. 4 Not used	2	6	5	1	3	No. 4 Not used	2	6	5	1	3

Control boxes - supplement

2500 og 5500 - 6 sections and TWIN

	2500	+	Sig.	-	5500	+	Sig.	-
Opt 1	Pressure sensor	Brn	Blu	-	Pressure sensor	Brn	Blu	-
Opt 2	RPM sensor	Brn	Blu	Blk	RPM sensor or anemometer	Brn	Blu	Blk
Speed		Brn	Blu	Blk		Brn	Blu	Blk
Flow		Brn	Blu	Blk		Brn	Blu	Blk
L end nozzle	<i>Pendulum lock at HAY</i>	Brn		Blu	<i>Pendulum lock at HAY</i>	Brn		Blu
R endnozzle	<i>Pendulum lock at HAY</i>	Brn		Blu	<i>Pendulum lock at HAY</i>	Brn		Blu
Reg (Yellow)		Brn		Blu		Brn		Blu
Bypass	EC on/off	Brn		Blu	EC on/off	Brn		Blu
Sec 9	User defined A&B 2	x		x	User defined A&B 2	x		x
Sec 8	Twin speed	Brn		Whi	Twin speed	Brn		whi
Sec 7	Twin angle	Yel.		Gre	Twin angle	Yel.		gre
Sec 6		Brn		Blu		Brn		Blu
Sec 5		Brn		Blu		Brn		Blu
Sec 4		Brn		Blu		Brn		Blu
Sec 3		Brn		Blu		Brn		Blu
Sec 2		Brn		Blu		Brn		Blu
Sec 1		Brn		Blu		Brn		Blu
GND								

2500 og 5500 - 7 sections and TWIN

	2500	+	Sig.	-	5500	+	Sig.	-
Opt 1	Pressure sensor	Brn	Blu	-	Pressure sensor	Brn	Blu	-
Opt 2	RPM sensor	Brn	Blu	Blk	RPM sensor or anemometer	Brn	Blu	Blk
Speed		Brn	Blu	Blk		Brn	Blu	Blk
Flow		Brn	Blu	Blk		Brn	Blu	Blk
L end nozzle	<i>Pendulum lock at HAY</i>	Brn		Blu	<i>Pendulum lock at HAY</i>	Brn		Blu
R endnozzle	<i>Pendulum lock at HAY</i>	Brn		Blu	<i>Pendulum lock at HAY</i>	Brn		Blu
Reg (Yellow)		Brn		Blu		Brn		Blu
Bypass	EC on/off	Brn		Blu	EC on/off	Brn		Blu
Sec 9	Twin speed	Brn		Whi	Twin speed	Brn		whi
Sec 8	Twin angle	Yel.		Gre	Twin angle	Yel.		gre
Sec 7		Brn		Blu		Brn		Blu
Sec 6		Brn		Blu		Brn		Blu
Sec 5		Brn		Blu		Brn		Blu
Sec 4		Brn		Blu		Brn		Blu
Sec 3		Brn		Blu		Brn		Blu
Sec 2		Brn		Blu		Brn		Blu
Sec 1		Brn		Blu		Brn		Blu
GND								

	GB	D	F	DK	ES
BRA	Brown	Braun	Marron	Brun	Marrón
BLU	Blue	Blau	Bleu	Blå	Azul
BLK	Black	Szwarz	Noit	Sort	Negro
YEL	Yellow	Gelt	Jaune	Gul	Amarillio
WHI	White	Weiss	Blanc	Hvid	Blanco
GRE	Green	Grün	Vert	Grøn	Verde