

Mobile foot switch for press brakes

Built in sturdy painted steel structure that wraps the housed equipment with a shaped shell **protecting them from possible crushing** due to accidental falls of workpieces, this foot switch can be **easily integrated to all the press brakes**.



Main Features



- The main feature of MASTER Foot Switch is that **it can work as an independent safety foot switch or as the principal one with a second safety foot switch** - its subordinate - named SLAVE
- Provision for main control commands on a large button panel in the upper part
- Double pedal with maintained action:
 - The pedal commanding the ascent is a **one-position foot switch**
 - The pedal controlling the descent is a **three-position pedal safety positions** with a third emergency "panic" position in accordance with EN 292-1



Mobile foot switch for press brakes



Lowered lever and pressed pedal:



Stop



Press the pedal to stop



Wrong position

A very important feature is
the function of foot switch's descent.

From the illustrations on the side, it can be understood that the passage through pressure from the central working position to the stop position **occurs through a pressure** on the pedal equal to **no more than 350 newtons**.

The generated consent will have to block the press brake's downhill.

The pedal unit is supplied with a **power cable** covered with a heavy super flexible metal sheath, to facilitate re-positioning operations, complete with **socket and multipolar socket** to be applied to the electrical panel.

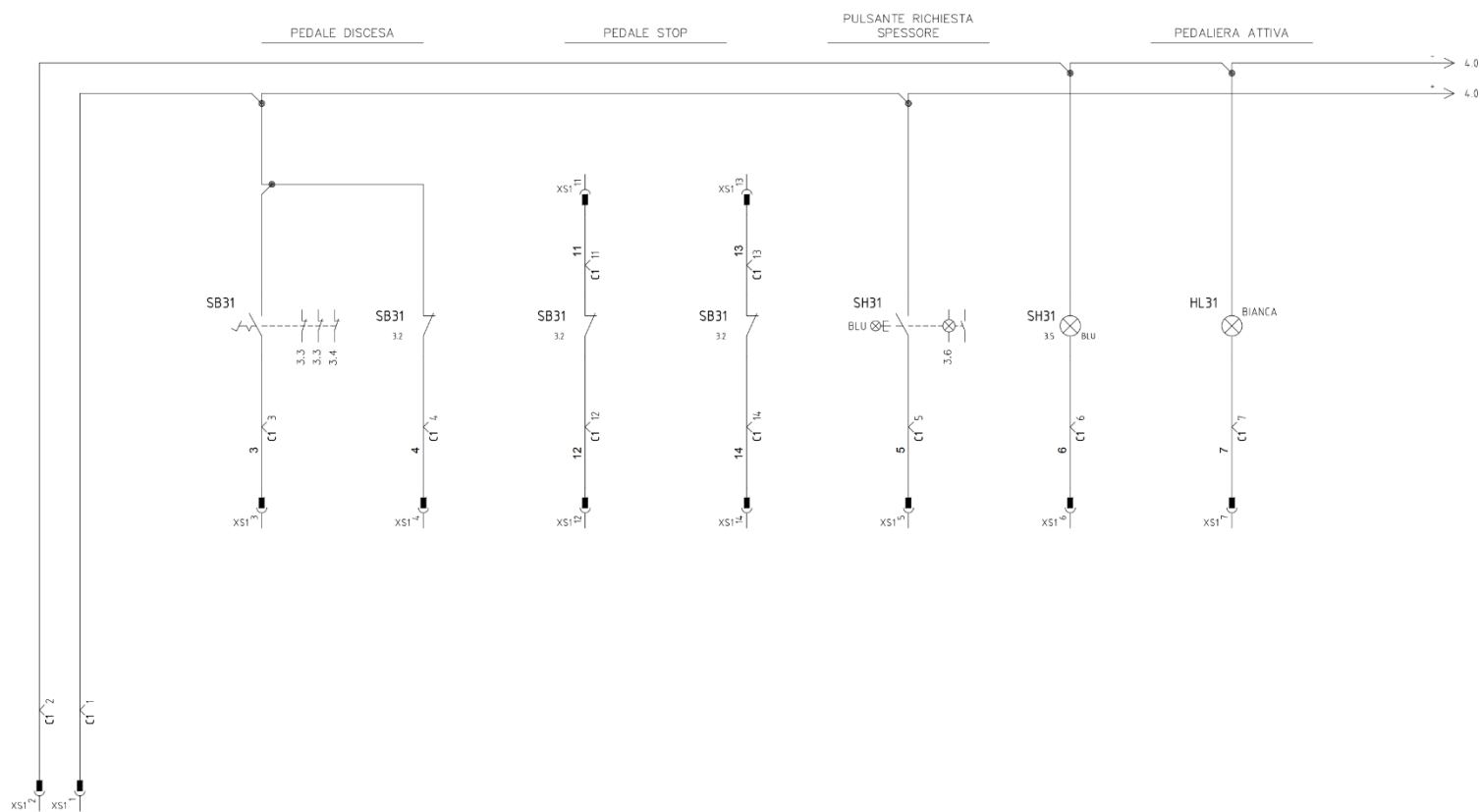
TRIVENETA IMPIANTI S.r.l.

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ELECTICAL DIAGRAM OF MASTER FOOT SWITCH



ALIMENTAZIONE 24Vdc

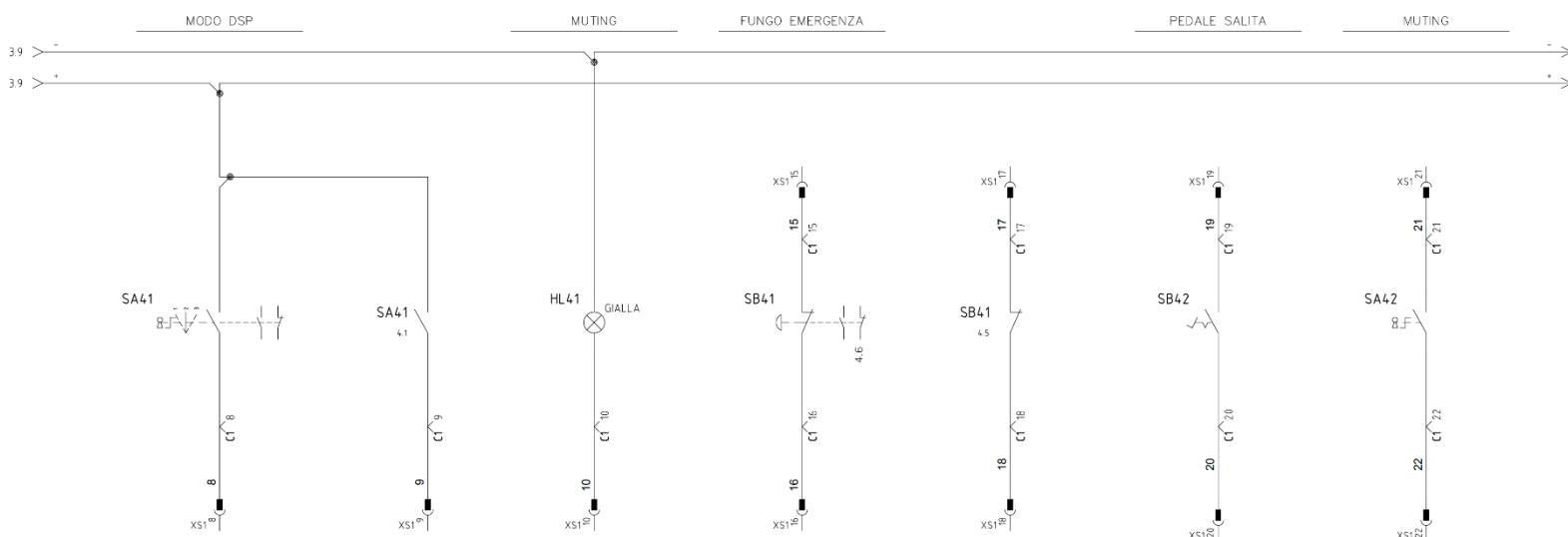


TRIVENETA SISTEMI

MASTER Foot Switch

COD. 006 M

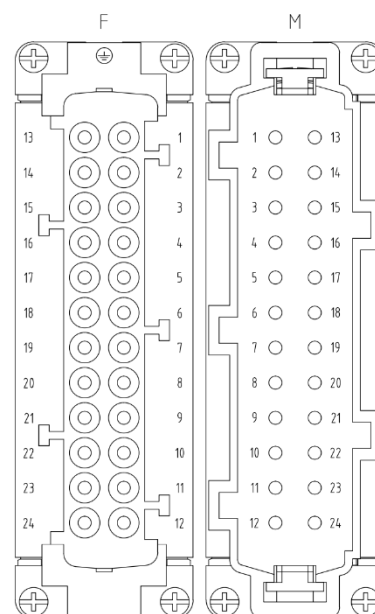
ELECTICAL DIAGRAM OF MASTER FOOT SWITCH



EP - XS1

Connettore esterno

O		
1	+	P1 - SB31 - PEDALE DISCESA
2	-	P1 - SH31 - PULSANTE RICHIESTA - SPESSORE
3		P1 - SB31 - PEDALE DISCESA
4		P1 - SB31 - PEDALE DISCESA
5		P1 - SH31 - PULSANTE RICHIESTA - SPESSORE
6		P1 - SH31 - PULSANTE RICHIESTA - SPESSORE
7		P1 - HL31 - PEDALIERA ATTIVA
8		P1 - SA41 - MODO DSP
9		P1 - SA41 - MODO DSP
10		P1 - HL41 - MUTING
11		P1 - SB31 - PEDALE DISCESA
12		P1 - SB31 - PEDALE DISCESA
13		P1 - SB31 - PEDALE DISCESA
14		P1 - SB31 - PEDALE DISCESA
15		P1 - SB41 - FUNGO EMERGENZA
16		P1 - SB41 - FUNGO EMERGENZA
17		P1 - SB41 - FUNGO EMERGENZA
18		P1 - SB41 - FUNGO EMERGENZA
19		P1 - SB42 - PEDALE SALITA
20		P1 - SB42 - PEDALE SALITA
21		P1 - SA42 - MUTING
22		P1 - SA42 - MUTING
23		
PE		



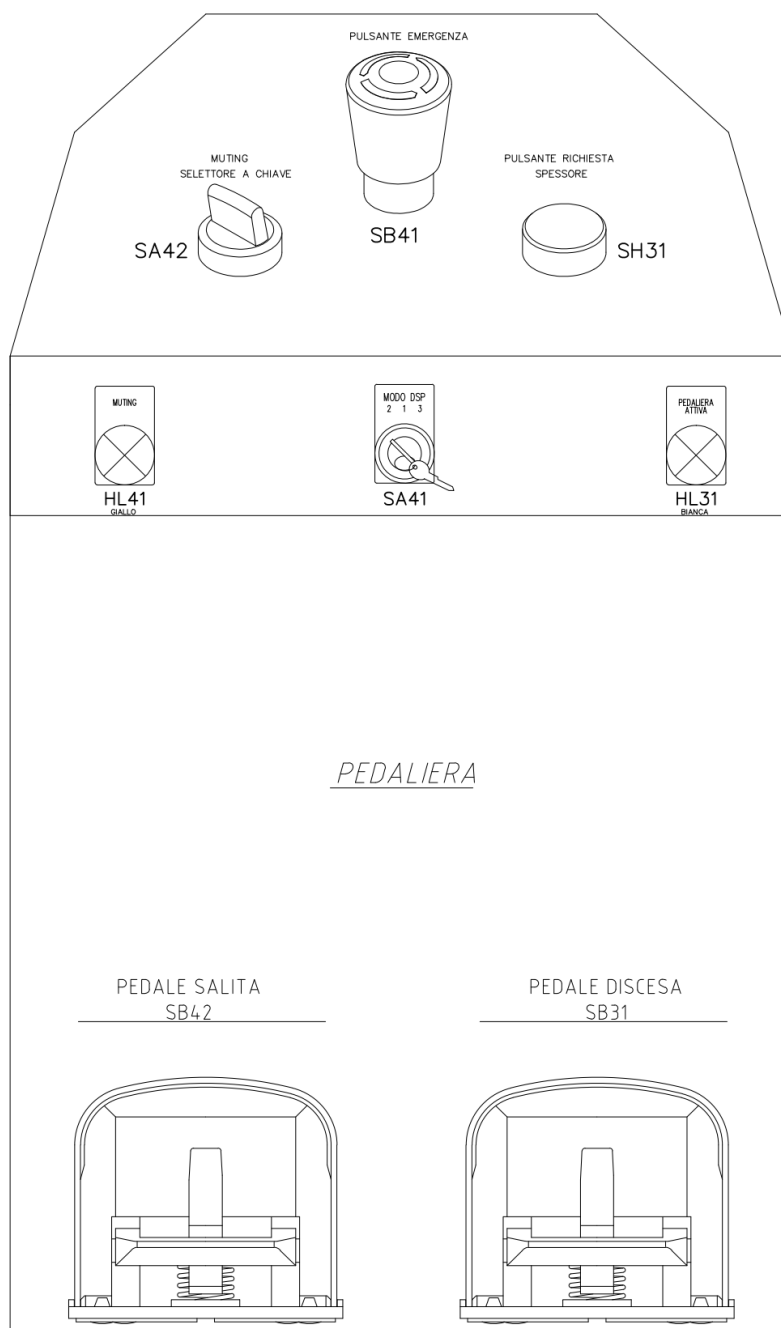
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CAVI ESTERNI \ EXTERNAL CABLES

QUADRO \ BOARD									DESTINAZIONE \ LOCATION				
QUADRO BOARD	FOGLIO SHEET	NR. MORSETTO TERMINAL NO.	NR. FILO CONDUCTOR NO.	ID SUL CAVO ID IN CABLE	CAVO CABLE	LUNGHEZZA LENGHT [mt]	DISTURBO NOISE LEVEL	ID SUL CAVO ID IN CABLE	NR. FILO CONDUCTOR NO.	NR. MORSETTO TERMINAL NO.	FOGLIO SHEET	QUADRO BOARD	
EP XS1	3/0	1	+	1	C1 1135125 COLLEGAMENTO PEDALIERA			1	+		3/3	P1 SB31	
EP XS1	3/0	2	-	2				2	-			3/7	P1 SH31
EP XS1	3/2	3	3	3				3	3			3/2	P1 SB31
EP XS1	3/3	4	4	4				4	4			3/3	P1 SB31
EP XS1	3/6	5	5	5				5	5			3/6	P1 SH31
EP XS1	3/7	6	6	6				6	6			3/7	P1 SH31
EP XS1	3/8	7	7	7				7	7			3/8	P1 HL31
EP XS1	4/1	8	8	8				8	8			4/1	P1 SA41
EP XS1	4/2	9	9	9				9	9			4/2	P1 SA41
EP XS1	4/3	10	10	10				10	10			4/3	P1 HL41
EP XS1	3/4	11	11	11				11	11			3/4	P1 SB31
EP XS1	3/4	12	12	12				12	12			3/4	P1 SB31
EP XS1	3/5	13	13	13				13	13			3/5	P1 SB31
EP XS1	3/5	14	14	14				14	14			3/5	P1 SB31
EP XS1	4/5	15	15	15				15	15			3/5	P1 SB31
EP XS1	4/5	16	16	16				16	16			4/5	P1 SB41
EP XS1	4/6	17	17	17				17	17			4/5	P1 SB41
EP XS1	4/6	18	18	18				18	18			4/6	P1 SB41
EP XS1	4/7	19	19	19				19	19			4/6	P1 SB41
EP XS1	4/7	20	20	20				20	20			4/7	P1 SB42
EP XS1	4/8	21	21	21				21	21			4/7	P1 SB42
EP XS1	4/8	22	22	22				22	22			4/8	P1 SA42
				23					23			4/8	P1 SA42
				25					25				
				YE/GN					YE/GN				

Nome/Item	Tipo/Type	Costruttore/Marke	Quadro/Board	Fg/Sh	Q.ta/Q.ty	Descrizione IT
HL31	XB4BV81	Schneider Electric	EP	3	1	LAMPADA SPIA BIANCA LED 24V
HL41	XB4BV85	Schneider Electric	EP	4	1	LAMPADA SPIA GIALLA LED 24V
SA41	XB4BG03	Schneider Electric	EP	4	1	SELETTORE A CHIAVE 3 POSIZIONI
SA42	XB4BG41	Schneider Electric	EP	4	1	SELETTORE A CHIAVE 2 POSIZIONI
SB31	Z337	Elettromeccanica GS	EP	3	1	Pedaliera tipo PM2/P pacco molla
SB41	XB4BS8444	Schneider Electric	EP	4	1	PULSANTE A FUNGO ROSSO EMERGENZA
SB42	Z085	Elettromeccanica GS	EP	4	1	Pedaliera tipo PM2/P
SH31	XB4BW36B5	Schneider Electric	EP	3	1	PULSANTE LUMINOSO BLU LED 24V
XS1	CNEF 24 T + CHP24	Ilme	EP		1	Connettore 24 poli + terra, 16A - 500V, connessioni a vite, frutto Femmina
	CNEM 24 T + CH024	Ilme			1	Connettore 24 poli + terra, 16A - 500V, connessioni a vite, frutto Maschio

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