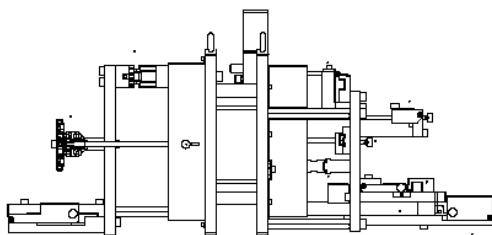


METRA - Indice punzonatrici Punching machines contents

metra

Codice/code	DESCRIZIONE – ITEM	Pagina/page
ZPX14395	nc. 40 – nc. 50 I – nc. 50 STH – nc. 65 STH nc. 65 STH.AE - nc. 72 STH – nc. 72.1 STH	96 – 97 – 98
ZHX17182	Kit optional (lavorazione foratura cavallotto su camera piccola)	
ZHX17183	Kit optional (lavorazione asola scarico condensa – esterna ed interna)	
ZHX17185	Kit optional (lavorazione asola drenaggio telaio su nc 40)	
ZPX14335	nc. 60 international – nc. 60 STH – nc. 70s	99 - 100 101 – 102
ZPX14381	nc. 60 international	103 – 104
	EASY – PUNZONATRICI PORTATILI	105
	GRUPPI FRESA	106 – 107 – 108

Codice - Code **ZPX14395**



Imballo compreso azionamento incluso (pedaliera)
Packing included drive unit included (foot pedal)

La punzonatrice è corredata di manuale
uso manutenzione e catalogo ricambi.
The punching machine is complete of
operation manual, and spares catalogue.

metra

Sistema - Systems

nc.40
nc.50 I
nc.50 STH
nc.65 STH - 65 STH.AE
nc.72 STH - 72.1 STH

Accessorio - Accessories **ERRETI**

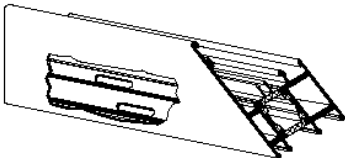
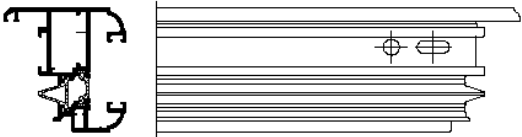
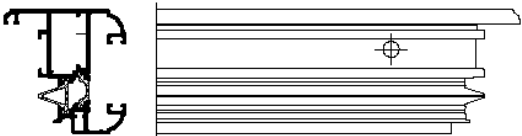
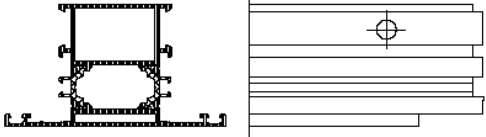
CARATTERISTICHE TECNICHE

cilindro diam. est. 212 mm. - int. 200 mm.
corsa utile stelo 20 mm.
pressione di esercizio .. 6 BAR
forza Kg. 1740
consumo aria per ciclo
normal litro 7,4
peso Kg. 95
Ingombro 860 x 280 x h 397



TECHNICAL SPECIFICATIONS

Cylinder 212 mm. dia. (ext.) - 200 mm. (int.)
piston stroke 20 mm.
working pressure 6 BAR
power Kg. 1740
air consumption 7,4 Nl per cycle
weight Kg. 95
Overall dimension 860 x 280 x h 397

Drenaggio verticale su telai Vertical drainage on frames	STAZIONE N° 1 STATION <i>one</i> nc. 65 nc. 72 nc. 72.1 STH	1 
Foro aggancio diam.8 e asola tiraggio squad. Hole diam.8 and slot for corner joint nc 40 squad. LM 0421. 10/8	STAZIONE N° 2 STATION <i>two</i>	2 
Foro squadretta a spinare diam. 8 Hole diam. 8 for broaching corner joint	nc. 40 nc. 50 I nc. 50 STH nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	3 
Foro per fissaggio cavallotto diam. 8 Hole diam. 8 for cross connector fixing		4 



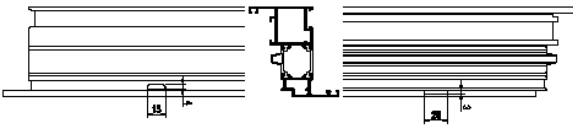
Codice - Code **ZPX14395**

5		STAZIONE N° 3 STATION three nc. 50 I nc. 50 STH nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	Asola drenaggio telai Frames drainage slot
6		STAZIONE N° 4 STATION four nc. 40 nc. 50 I nc. 50 STH nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	Fori e asola per maniglia (interasse fori 92-104-130 mm.) Holes and slot for handle (hole center distance 92-104-130 mm.)
7		STAZIONE N° 5 STATION five	Fori su astina <i>Holes on rod</i>
8		Asta nc. 1459 Asta A757	
9		STAZIONE N° 6 STATION six nc. 40 nc. 50 I nc. 50 STH nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	Asportazione alette per passaggio astina <i>Removal of toungees for rod passage</i>

Kit Optional - Kit en option **ZHX17182**

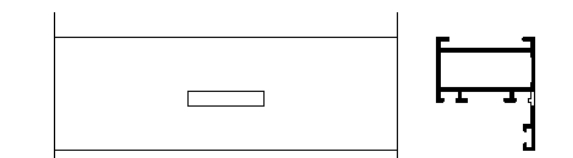
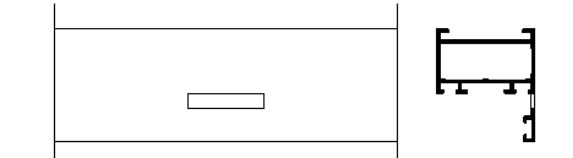
10		STAZIONE N° 7 STATION seven nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	Foratura cavallotto diam. 3 mm. su camera piccola
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Kit Optional - Kit en option **ZHX17183**

Asola scarico condensa (esterna ed interna) <i>Slot for water drainage (External and Internal)</i>	STAZIONE N°9 <i>STATION nine</i> nc. 40 nc. 50 I nc. 50 STH nc. 65 STH nc. 65 STH. AE nc. 72 STH nc. 72.1 STH	11 
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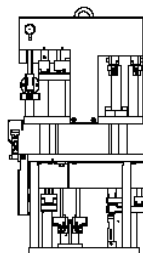
Il kit optional ZHX17183 deve essere ordinato congiuntamente alla punzonatrice

Kit Optional - Kit en option **ZHX17185**

Asola drenaggio telai a filo camera <i>Slot for water drain in line with chamber</i>	STAZIONE N° 3 <i>STATION three</i>	12 
Asola drenaggio telai a filo dentino <i>Slot for water drain in line with tooth</i>	nc. 40	13 



Codice - Code **ZPX14335**



Imballo compreso azionamento incluso (pedaliera)
Packing included drive unit excluded (foot pedal)

La punzonatrice é corredata di manuale
uso manutenzione e catalogo ricambi.
The punching machine is complete of
operation manual, and spares catalogue.

metra

Sistema - Systems

nc. 60 international
nc. 60 STH
nc. 70 s

Accessorio - Accessories **ERRETI**

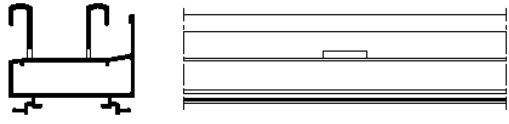
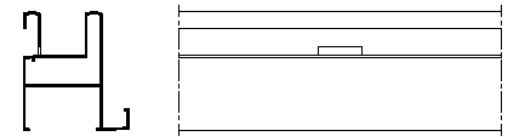
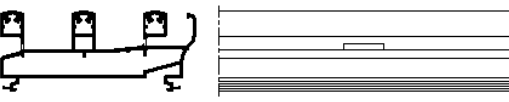
CARATTERISTICHE TECNICHE

cilindro diam. est. 200 mm. - int. 184 mm.
corsa utile stelo 30 mm.
pressione di esercizio .. 6 BAR
forza Kg. 1600
consumo aria per ciclo
normal litro 9,3
peso Kg. 64
Ingombro 330 x 270 x h 485



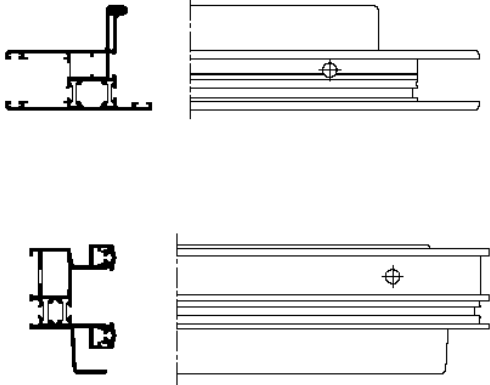
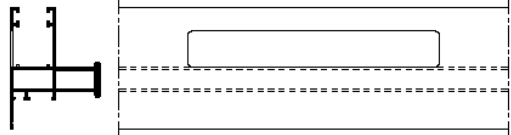
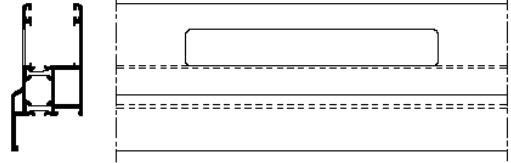
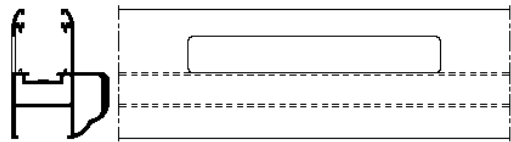
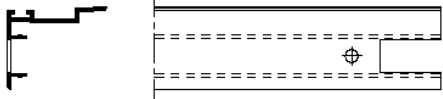
TECHNICAL SPECIFICATIONS

Cylinder 200 mm. dia. (ext.) - 184 mm. (int.)
piston stroke 30 mm.
working pressure 6 BAR
power Kg. 1600
air consumption 9,3 Nl per cycle
weight Kg. 64
Overall dimension 330 x 270 x h 485

Asola scarico acqua Slot for water drain	STAZIONE N° 1 STATION one	1 
	nc. 60 int. nc. 60 STH. nc. 70 S	2 
		3 
Asola e foro per tappo passaggio binario Slot and hole for rail plug	STAZIONE N° 2 STATION two nc. 60 STH	4 



Codice - Code **ZPX14335**

5		Stazione N° 3 Station three nc. 60 STH	Foro per squadretta a spinare <i>Hole for broaching corner joint</i>
6		Stazione N° 4 Station four	
7		nc. 60 internat. nc. 60 STH nc. 70 S	Asola per maniglia <i>Slot for handle</i>
8			
9		Stazione N° 5 Station five nc. 60 internat.	Asola e foro per tappo passaggio binario <i>Slot and hole for rail plug</i>

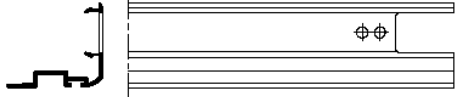
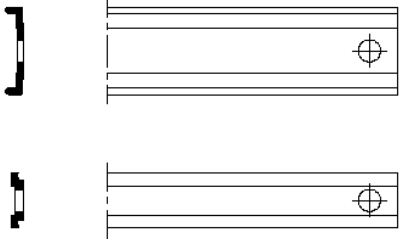
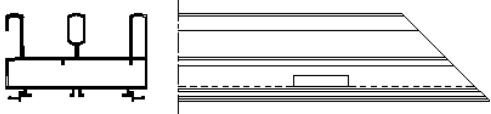
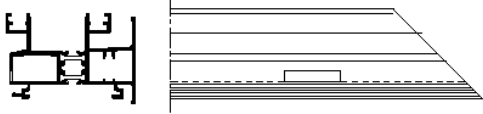


Codice - Code **ZPX14335**

10		Stazione N° 6 Station <i>six</i>	nc. 60 int. nc. 70 S	Foro aggancio e asola tiraggio squadretta <i>Hole and slot for corner joint</i>
11			nc. 60 int. nc. 70 S	Foro aggancio squadretta <i>Slot for corner joint</i>
12			nc. 70 S	Foro per squadretta a spinare <i>Hole for broaching corner joint</i>

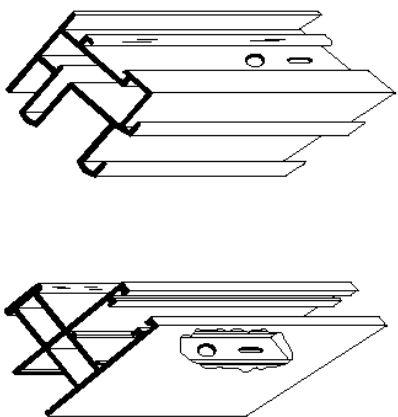
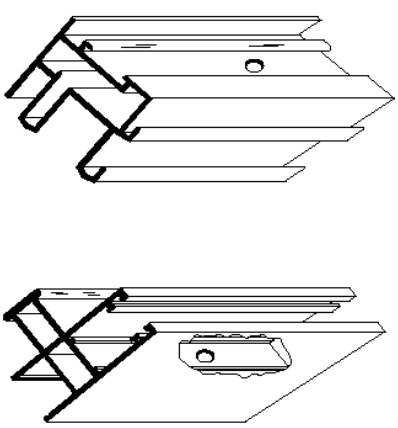
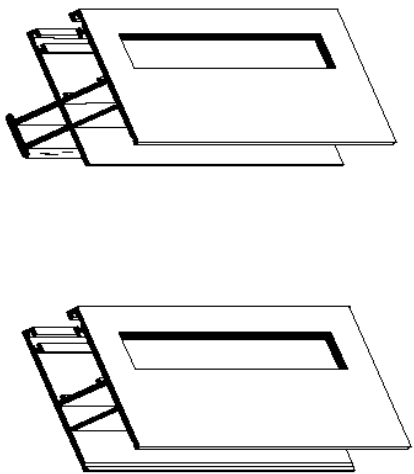


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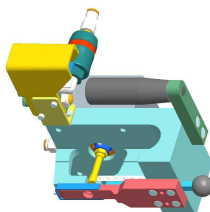
13		Stazione N° 7 Station seven nc. 70 S	Asola e foro per tappo passaggio binario <i>Slot and hole for rail plug</i>
14		Stazione N° 8 Station eight nc. 70 S	Fori su astina <i>Holes on rod</i>
15		Stazione N° 9 Station nine nc. 60 int.	
16		nc. 60 STH	Asola scarico acqua (interno camera) <i>Slot for water drain (inside chamber)</i>
17		nc. 70 S	



Codice - Code **ZPX14381**

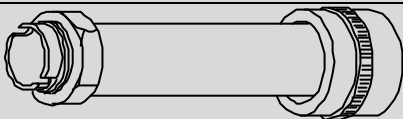
3 	Stazione N° 3 Station three nc. 60 internat.	Foro aggancio e asola tiraggio squadretta <i>Hole and slot for corner joint</i>
4 	nc. 60 internat.	Foro aggancio squadretta <i>Slot for corner joint</i>
5 	Stazione N° 4 Station four nc. 60 internat.	Asola per maniglia <i>Slot for handle</i>

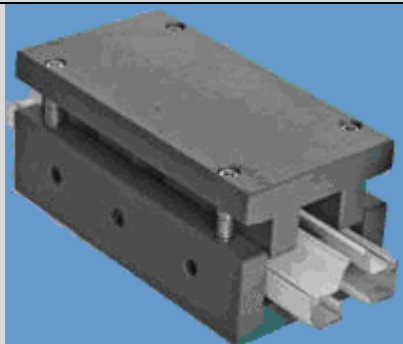
EASY metra



PUNZONATRICE PNEUMATICA PORTATILE HANDLY PUNCHING MACHINE

LISTINO PREZZI – <i>PRICE LIST</i>			03/2012
CODICE/ <i>CODE</i>	DESCRIZIONE – <i>ITEM</i>	LAVORAZIONE – <i>WORKING</i>	
ZPX14900	nc 40/nc 50 – nuovo nc 40	FORO Ø 11,5 mm	
ZPX14908	nc 60 I	FORO Ø 10,5 mm	
ZPX14938	nc 68 STH	FORO Ø 8,0 mm	
MATRICI DI RICAMBIO			
MMX42944	nc 40/nc 50 – nuovo nc 40	FORO Ø 11,5 mm	
MMX42951	nc 60 I	FORO Ø 10,5 mm	
MMX55610	nc 68 STH	FORO Ø 8,0 mm	
PUNZONI DI RICAMBIO			
MPX43013	nc 40/nc 50 – nuovo nc 40	FORO Ø 11,5 mm	
MPX43014	nc 60 I	FORO Ø 10,5 mm	
MPX43822	nc 68 STH	FORO Ø 8,0 mm	

CANNOTTO PORTAFRESE/CUTTERS SLEEVE PER INTESTATRICI COMALL/FOR COMALL END-MILLING MACHINES	
	
CODICE/CODE	
ZEX17147	
ZEX17710 per intestatrici SILVER LINE	

EASY CLAMP KIT INTESTATURA FERMAVETRI / MILLING ROUND EDGED GLAZING BEADS	
	
CODICE/CODE	
ZEX17210	

GRUPPI FRESE PER FERMAVETRO			
			
CODICE/CODE	SERIE	LAVORAZIONE	
FDX30345	nc 45/55/68 I/S	Intestatura Fermavetro	
FDX30346	nuovo nc 40	Intestatura Fermavetro	

GRUPPI FRESE – MILLING CUTTERS GROUPS

metra

CODICE/CODE	SERIE	LAVORAZIONE	
FDX30243	NC40-NC50	accoppiamento fasce	
FDX30201	NUOVO NC40	Intestatura	
FDX30202	NUOVO NC40 Sormonto	Spuntatura a T prof. 3101/43	
FDX30213	NC68 Superthermic	Intestatura prof. 5036	
FDX30203	NUOVO NC50	Intestatura	
FDX30204	NUOVO NC40 persiana	Intestatura	
FDX30205	NC45 piana international	Intestatura fascia mobile prof. 2356-2325	
FDX30206	NC45 piana international	Intestatura fascia fissa prof. 2255-2256-2631	
FDX30207	NC45 piana international	Spuntatura a T/Z prof. 2236-3218	
FDX30208	NC45 piana international	Spuntatura a T/Z porte prof. 2238-2239	
FDX30209	NC45 piana international NC45 Superthermic	Intestatura fascia mobile prof. 2255-2256	
FDX30214	NC68 Superthermic	Intestatura prof. 5243 rotazione oraria	
FDX30215	NC68 Superthermic	Intestatura prof. 5241-5243 rotazione antiorario	
FDX30339	NC55 Thermic NC55 piana internat.	accoppiamento fasce	
FDX30216	NC68 Superthermic	Spuntatura a T 5175	
FDX30211	NC68 Superthermic	Intestatura prof. 5122-5118 rotazione orario	

GRUPPI FRESE – MILLING CUTTERS GROUPS

metra

CODICE/CODE	SERIE	LAVORAZIONE	
FDX30212	NC68 Superthermic	Intestatura prof. 5122-5118 rotazione antiorario	
FDX30218	NC68 Superthermic	Spuntatura a T prof. 5029	
FDX30219	NC68 Superthermic	Spuntatura a Z prof. 5005	
FDX30220	NC68 Superthermic Superblindo	Intestatura prof. 2876-2874	
FDX30373	NC68 Superthermic	Intestatura prof. 5031	
FDX30280	NC40 Arrotondato	Intestatura prof. 5837	
FDX30428	NC68 Superthermic	Intestatura prof. 5076	
FDX30440	NC50 International	Intestatura FTZ	
FDX30552	NC50 I	Intestatura FTZ CLASSIC	
FDX30554	NC50 I	Vetro infilare	
FDX30217	NC68 Superthermic	Spuntatura a Z prof. 5173	
FDX30701	NC55 International	Intestatura prof. NC1600	
FDX30221	Portoni METRA		