



CP9883 & CP9884 Riveters

January 2010

High-performance products.
Designed for you !



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Range positioning: CP9883 / CP9884



USP : CP9883 / CP9884

- **Powerful:** **3530 lbs** of pulling load for the CP9884
- **Quiet:** **66dBA**, the Lowest noise level of the market
- **Vibration:** **<2.5 m/s²**
- **Lightweight:** Only **3.2 lbs** for the CP9883 with suspension bail
- **Product Range:**
 - CP9883 with **4 nose pieces:** 3/32", 1/8", 5/32", & 3/16"
(2.4mm, 3.2mm, 4mm, & 4.8mm)
 - CP9884 with **3 nose pieces:** 3/16", 1/4", & 1/4" Monobolt
(4.8mm, 6.4mm, 6.4mm Monobolt)
- **Service:** Easy maintenance procedure



Product overview

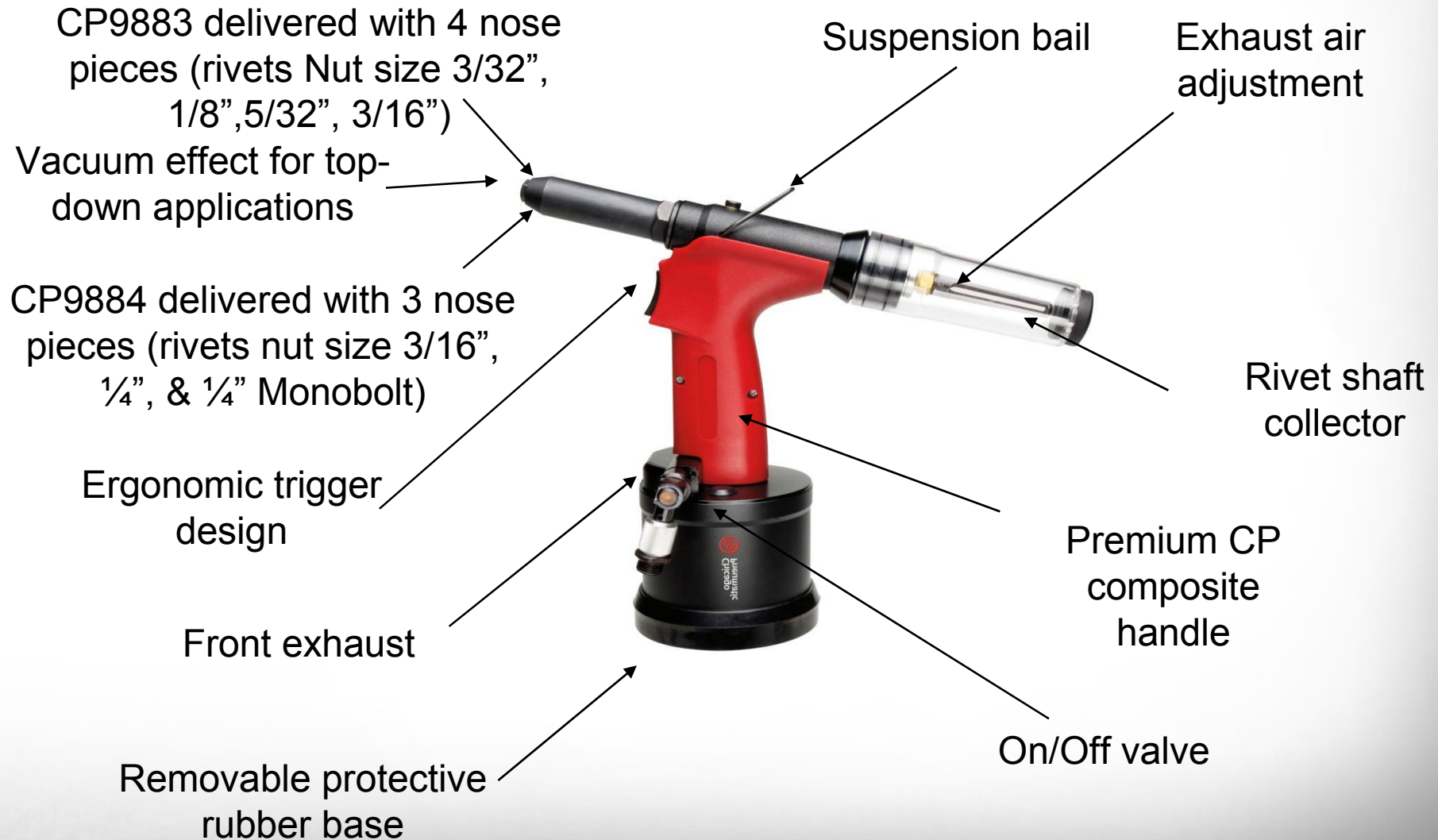


CP9883



CP9884

Features overview CP9883 / CP9884



Features and Benefits CP9883 / CP9884

Air Riveters

Features

Benefits

Powerful pulling load 3520 lbs (1600Kg)

Soft effect and clean breaking of the shaft, even on full stainless steel rivets

Noise level < 66 dB(A)

Minimizes sound level for operator comfort

Low vibration technology < 2.5m/s²

Better ergonomic comfort

Light weight reduced to 3.2 lbs + Bail

Increased operator comfort

6 nose pieces available on the range: 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4mm), 3/16" (4.8mm) & 1/4" (6.4mm) + 1/4" (6.4mm) Monobolt

Covers a majority of light industrial applications

Air Exhaust adjustment with vacuum system

Riveting even on vertical applications

Durable components designed to last over 600,000 strokes

Greater durability and service life

Specifications CP9883 / CP9884

Model Name		CP9883	CP9884
Item Nb		8941098830	8941098840
Description		Industrial Air Riveter 4,8mm (3/16")	Industrial Air Riveter 6,4mm (1/4")
Rivet Nut Size	[mm] ([inch])	2,4mm (3/32") 3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16")	4,8mm (3/16") 6,4mm (1/4") 6,4mm (1/4") Monobolt
Nozzle #		4	3
Rivet Shaft Collector		Yes	Yes
Air Exhaust Adjustment		Yes	Yes
Rivet Vacuum holder		Yes	Yes
Bolt Diameter	[mm] ([inch])	23mm (0,9")	23mm (0,9")
Max Stroke	[mm] ([inch])	20mm (0,79")	29mm (1,14")
Pulling Load	[lb] ([kg])	865kg (1900lb)	1600kg (3530lb)
Tool Height	[mm] ([inch])	265mm (10,43")	325mm (12,79")
Weight	[kg] ([lbs])	1,46kg (3,2lb)	1,9kg (4,19lb)
Average air consumption	CFM ([l/min])	7,25 (207)	7,25 (207)
Air consumption	[l/stroke]	2,1	4,3
Air inlet	[inch]	1/4	1/4
Sound level	[dB(A)]	66	67
Vibration	[m/s²]	<2,5	<2,5
UPC CODE		15451585389	15451585396

Product pictures CP9883 / CP9884

Air Riveters



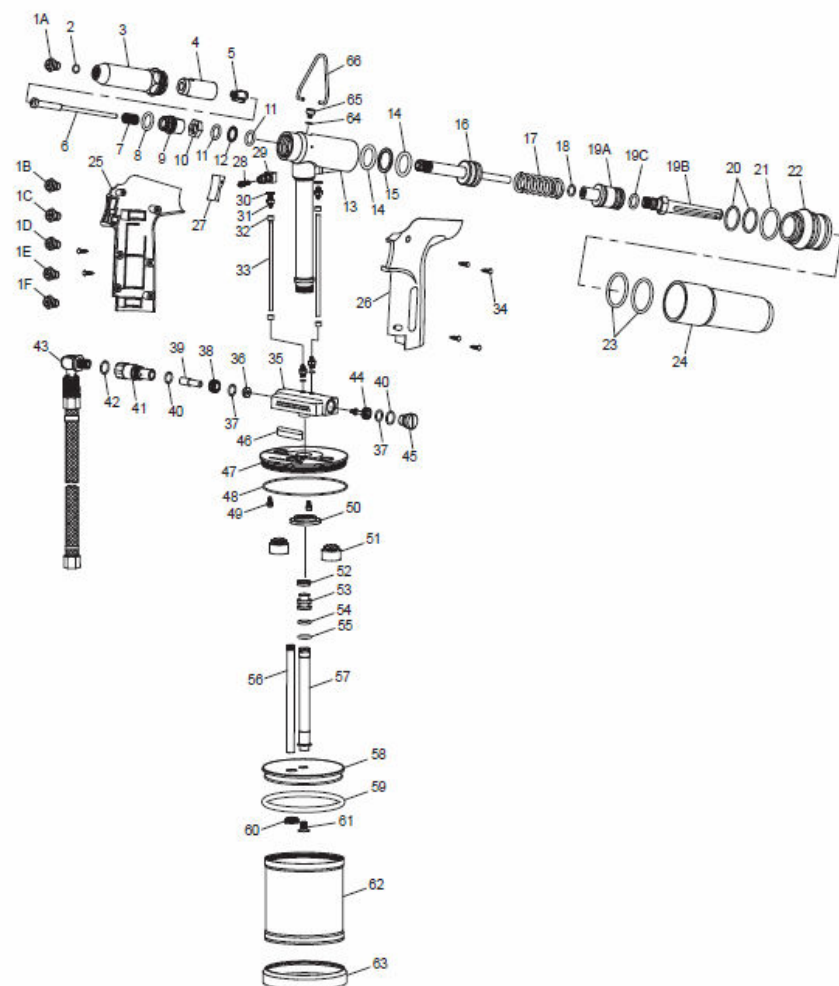
Pricing

Country	Riveter	Part number	Description	List
USA	CP9883	8941098830	3/16" Version	\$492.00
	CP9884	8941098840	1/4" Version	\$689.00
Canada	CP9883	8941098830	3/16" Version	\$566.00
	CP9884	8941098840	1/4" Version	\$792.00
Mexico	CP9883	8941098830	3/16" Version	\$492.00
	CP9884	8941098840	1/4" Version	\$689.00

Technical Specifications

CP9883 & CP9884

Air Riveter



CP9883 - Parts List

Index No.	Part No.	Description	Qty.
1A	8940167649	Nosepiece ø2.4	1
1B	8940167650	Nosepiece ø3.2	1
1C	8940167651	Nosepiece ø4.0	1
1D	8940167612	Nosepiece ø4.8	1
2	8940167613	O-Ring	1
3	8940167614	Nosepiece Casing	1
4	8940167615	Jaw Carrier	1
5	8940167652	Jaw - 3/16" (1 Set)	1
6	8940167653	Pusher	1
7	8940167616	Jaw Pusher Spring	1
8	8940167617	O-Ring	1
9	8940167654	Jaw Housing	1
10	8940167655	Lock Ring	1
11	8940167656	O-Ring	2
12	8940167657	Teflon Ring	1
13	8940167658	Head Assembly	1
14	8940167659	O-Ring	2
15	8940167660	Teflon Ring	1
16	8940167661	Principal Axis Unit	1
17	8940167662	Restore Spring	1
18	8940167663	O-Ring	1
19A	8940167664	Vacuum Switch Base	1
19B	8940167665	Safety Vacuum Switch	1
19C	8940167618	O-Ring	1
20	8940167619	O-Ring	2
21	8940167620	O-Ring	1
22	8940167621	Aluminum Lid	1
23	8940167667	O-Ring (Set of 2 pos)	2
24	8940167720	Nail Container (incl. 2pc #23 O-Ring)	1
25	8940167668	Handle (Left & Right)	1
27	8940167621	Trigger	1
28	8940167622	Trigger Valve	1
29	8940167623	On/Off Base	1
30	8940167624	O-Ring	4
31	8940167625	Air Interface	4
32	8940167626	Tie Ring	4
33	8940167627	Air Tube (Set of 2 pos)	2
34	8940167628	Tapping Screw	6
35	8940167629	Air Valve Body	1
36	8940167630	Air Valve Ring	1
37	8940167631	O-Ring	2
38	8940167632	Air Valve Base	1
39	8940167633	Subordinate Tube	1
40	8940167634	O-Ring	2
41	8940167635	Connecting Base	1
42	8940167636	O-Ring	1
43	8940167637	On/Off Assembly	1
44	8940167638	Air Valve Rod	1
45	8940167639	Screw Plug	1
46	8940167640	Silencer	1
47	8940167641	Cylinder Cover	1
48	8940167642	O-Ring	1
49	8940167643	Boat	2
50	8940167644	Rock Nut	1
51	8940167645	Buffer	2
52	8940167646	Lip Seal	1
53	8940167647	Air Tube Piston	1
54	8940167648	O-Ring	1
55	8940167649	Piston Ring	1
56	8940167650	Transfer Tube	1
57	8940167651	Piston Rod	1
58	8940167652	Cylinder Piston	1
59	8940167653	O-Ring	1
60	8940167654	O-Ring	1
61	8940167655	Boat	1
62	8940167656	Cylinder	1
63	8940167657	Base Cover	1
64	8940167658	Bushing	1
65	8940167659	Seal Screw	1
66	8940167660	Hook	1
6158727630		Warning Label	1

Tune-Up Kit CP9883

8940167661 (incl. Index: 5, 8, 11, 12, 14, 15, 18, 19C, 20, 21, 23, 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 46, 48, 52, 54, 55, 59, 60, 64)

Jaw Housing Set CP9883

8940167662 (incl. Index: 4, 5, 6, 7, 8, 9, 10)

CP9884 - Parts List

Index No.	Part No.	Description	Qty.
1D	8940167612	Nosepiece ø4.8	1
1F	8940167663	Nosepiece ø6.4	1
1G	8940167664	Nosepiece ø6.4 (Mono-Bolt)	1
2	8940167613	O-Ring	1
3	8940167614	Nosepiece Casing	1
4	8940167615	Jaw Carrier	1
5	8940167655	Jaw - 1/4" (1 Set)	1
6	8940167656	Pusher	1
7	8940167616	Jaw Pusher Spring	1
8	8940167617	O-Ring	1
9	8940167658	Jaw Housing	1
10	8940167659	Lock Ring	1
11	8940167660	O-Ring	2
12	8940167661	Teflon Ring	1
13	8940167662	Head Assembly	1
14	8940167663	O-Ring	2
15	8940167664	Teflon Ring	1
16	8940167665	Principal Axis Unit	1
17	8940167666	Restore Spring	1
18	8940167667	O-Ring	1
19A	8940167668	Vacuum Switch Base	1
19B	8940167669	Safety Vacuum Switch	1
19C	8940167618	O-Ring	1
20	8940167619	O-Ring	2
21	8940167620	O-Ring	1
22	8940167621	Aluminum Lid	1
23	8940167701	O-Ring (Set of 2 pos)	2
24	8940167721	Nail Container (incl. 2pc #23 O-Ring)	1
25	8940167702	Handle (Left & Right)	1
27	8940167621	Trigger	1
28	8940167622	Trigger Valve	1
29	8940167623	On/Off Base	1
30	8940167624	O-Ring	4
31	8940167625	Air Interface	4
32	8940167626	Tie Ring	4
33	8940167627	Air Tube (Set of 2 pos)	2
34	8940167628	Tapping Screw	6
35	8940167629	Air Valve Body	1
36	8940167630	Air Valve Ring	1
37	8940167631	O-Ring	2
38	8940167632	Air Valve Base	1
39	8940167633	Subordinate Tube	1
40	8940167634	O-Ring	2
41	8940167704	Connecting Base	1
42	8940167634	O-Ring	1
43	8940167635	On/Off Assembly	1
44	8940167705	Air Valve Rod	1
45	8940167636	Screw Plug	1
46	8940167706	Silencer	1
47	8940167707	Cylinder Cover	1
48	8940167708	O-Ring	1
49	8940167637	Boat	2
50	8940167638	Rock Nut	1
51	8940167639	Buffer	2
52	8940167640	Lip Seal	1
53	8940167641	Air Tube Piston	1
54	8940167642	O-Ring	1
55	8940167643	Piston Ring	1
56	8940167709	Transfer Tube	1
57	8940167710	Piston Rod	1
58	8940167711	Cylinder Piston	1
59	8940167712	O-Ring	1
60	8940167644	O-Ring	1
61	8940167645	Boat	1
62	8940167713	Cylinder	1
63	8940167714	Base Cover	1
64	8940167646	Bushing	1
65	8940167647	Seal Screw	1
66	8940167648	Hook	1
6158727630		Warning Label	1

Tune-Up Kit CP9884

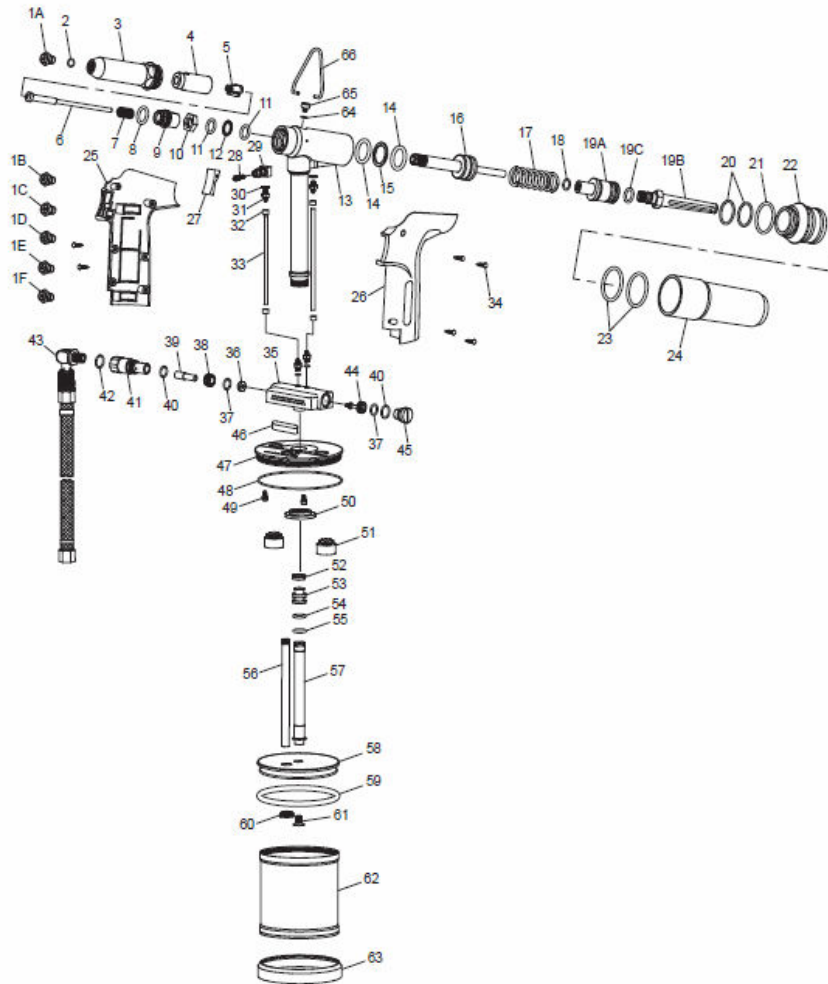
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Jaw Housing Set CP9884

8940167716 (incl. Index: 4, 5, 6, 7, 8, 9, 10)

Spares list prices

CP9883 & CP9884 Air Riveter



Part #	Description	QTY	IRP €	Part #	Description	QTY	IRP €
8940167612	NOSEPIECE Ø4.8	1	5.5	8940167612	NOSEPIECE Ø4.8	1	5.5
8940167613	O-RING	1	1.5	8940167613	O-RING	1	1.5
8940167614	NOSEPIECE CASING	1	13	8940167614	NOSEPIECE CASING	1	13
8940167615	JAW CARRIER	1	7	8940167615	JAW CARRIER	1	7
8940167616	JAW PUSHER SPRING	1	1	8940167616	JAW PUSHER SPRING	1	1
8940167617	O-RING	1	2.6	8940167617	O-RING	1	2.6
8940167618	O-RING	1	1.8	8940167618	O-RING	1	1.8
8940167619	O-RING	2	1.6	8940167619	O-RING	2	1.6
8940167620	O-RING	1	1.6	8940167620	O-RING	1	1.6
8940167621	TRIGGER	1	4.7	8940167621	TRIGGER	1	4.7
8940167622	TRIGGER VALVE	1	2.4	8940167622	TRIGGER VALVE	1	2.4
8940167623	ON/OFF BASE	1	5.5	8940167623	ON/OFF BASE	1	5.5
8940167624	O-RING	4	1.6	8940167624	O-RING	4	1.6
8940167625	AIR INTERFACE	4	1	8940167625	AIR INTERFACE	4	1
8940167626	TE RING	4	1	8940167626	TE RING	4	1
8940167627	AIR TUBE (2PC)	2	1.6	8940167627	AIR TUBE (2PC)	2	1.6
8940167628	TAPPING SCREW	6	1	8940167628	TAPPING SCREW	6	1
8940167629	AIR VALVE RING	1	3.1	8940167629	AIR VALVE RING	1	3.1
8940167630	O-RING	2	2.4	8940167630	O-RING	2	2.4
8940167631	AIR VALVE BASE	1	3.1	8940167631	AIR VALVE BASE	1	3.1
8940167632	SUBORDINATE TUBE	1	3.1	8940167632	SUBORDINATE TUBE	1	3.1
8940167633	O-RING	2	2.4	8940167633	O-RING	2	2.4
8940167634	O-RING	1	2.4	8940167634	O-RING	1	2.4
8940167635	ON/OFF ASSEMBLY	1	46.4	8940167635	ON/OFF ASSEMBLY	1	46.4
8940167636	SCREW PLUG	1	3.9	8940167636	SCREW PLUG	1	3.9
8940167637	BOLT	2	1	8940167637	BOLT	2	1
8940167638	ROCK NUT	1	5.5	8940167638	ROCK NUT	1	5.5
8940167639	BUFFER	2	1.2	8940167639	BUFFER	2	1.2
8940167640	LIP SEAL	1	11.6	8940167640	LIP SEAL	1	11.6
8940167641	AIR TUBE PISTON	1	6.2	8940167641	AIR TUBE PISTON	1	6.2
8940167642	O-RING	1	3.1	8940167642	O-RING	1	3.1
8940167643	PISTON RING	1	1	8940167643	PISTON RING	1	1
8940167644	LIP SEAL	1	3.9	8940167644	LIP SEAL	1	3.9
8940167645	BOLT	1	1.6	8940167645	BOLT	1	1.6
8940167646	BUSHING	1	4.7	8940167646	BUSHING	1	4.7
8940167647	SEAL SCREW	1	2.4	8940167647	SEAL SCREW	1	2.4
8940167648	HOOK	1	1	8940167648	HOOK	1	1
8940167649	NOSEPIECE Ø2.4	1	4.7	8940167649	NOSEPIECE Ø2.4	1	4.7
8940167650	NOSEPIECE Ø3.2	1	4.7	8940167650	NOSEPIECE Ø3.2	1	4.7
8940167651	NOSEPIECE Ø4.0	1	4.7	8940167651	NOSEPIECE Ø4.0	1	4.7
8940167652	JAW - 1/4"	1	6.2	8940167652	JAW - 1/4"	1	6.2
8940167653	PUSHER	1	7.8	8940167653	PUSHER	1	7.8
8940167654	JAW HOUSING	1	10.1	8940167654	JAW HOUSING	1	10.1
8940167655	LOCK RING	1	1.6	8940167655	LOCK RING	1	1.6
8940167656	O-RING	2	2.4	8940167656	O-RING	2	2.4
8940167657	TEFLON RING	1	1.6	8940167657	TEFLON RING	1	1.6
8940167658	HEAD ASSEMBLY	1	46.4	8940167658	HEAD ASSEMBLY	1	46.4
8940167659	O-RING	2	3.1	8940167659	O-RING	2	3.1
8940167660	TEFLON RING	1	2.4	8940167660	TEFLON RING	1	2.4
8940167661	PRINCIPAL AXIS UNIT	1	30.9	8940167661	PRINCIPAL AXIS UNIT	1	30.9
8940167662	RESTORE SPRING	1	7.8	8940167662	RESTORE SPRING	1	7.8
8940167663	O-RING	1	1.6	8940167663	O-RING	1	1.6
8940167664	VACUUM SWITCH BASE	1	6.2	8940167664	VACUUM SWITCH BASE	1	6.2
8940167665	SAFETY VACUUM SWITCH	1	10.1	8940167665	SAFETY VACUUM SWITCH	1	10.1
8940167666	AIRPROOF LD	1	23.2	8940167666	AIRPROOF LD	1	23.2
8940167667	O-RING (2PC)	2	6.2	8940167667	O-RING (2PC)	2	6.2
8940167668	HANDLE(LEFT + RIGHT)	1	10.8	8940167668	HANDLE(LEFT + RIGHT)	1	10.8
8940167669	AIR VALVE BODY	1	38.7	8940167669	AIR VALVE BODY	1	38.7
8940167670	CONNECTING BASE	1	6.2	8940167670	CONNECTING BASE	1	6.2
8940167671	AIR VALVE ROD	1	7.8	8940167671	AIR VALVE ROD	1	7.8
8940167672	SILENCER	1	1	8940167672	SILENCER	1	1
8940167673	CYLINDER COVER	1	23.2	8940167673	CYLINDER COVER	1	23.2
8940167674	O-RING	1	6.2	8940167674	O-RING	1	6.2
8940167675	TRANSFER TUBE	1	9.3	8940167675	TRANSFER TUBE	1	9.3
8940167676	PISTON ROD	1	8.5	8940167676	PISTON ROD	1	8.5
8940167677	CYLINDER PISTON	1	19.4	8940167677	CYLINDER PISTON	1	19.4
8940167678	O-RING	1	11.6	8940167678	O-RING	1	11.6
8940167679	CYLINDER	1	46.4	8940167679	CYLINDER	1	46.4
8940167680	BASE COVER	1	3.1	8940167680	BASE COVER	1	3.1
8940167720	NAIL CONTAINER	1	18.8	8940167720	NAIL CONTAINER	1	18.8

PACKAGING SPECIFICATIONS

Units	CP9883		CP9884	
	Metric	Imperial	Metric	Imperial
Height	310 mm	12.2 in	340 mm	13.4 in
Length	310 mm	12.2 in	310 mm	12.2 in
Depth	130 mm	5.1 in	140 mm	5.5 in
Weight	2,48kg	5.4 lb	2,86kg	6.3 lb
UPC Code	15451585389		15451585396	



PACKAGING *(delivered within the box)*

Jaw pusher



Jaws and
nozzles

Oil bottle &
syringe




Service
Wrenches

Competition positioning: CP9883 / CP9884

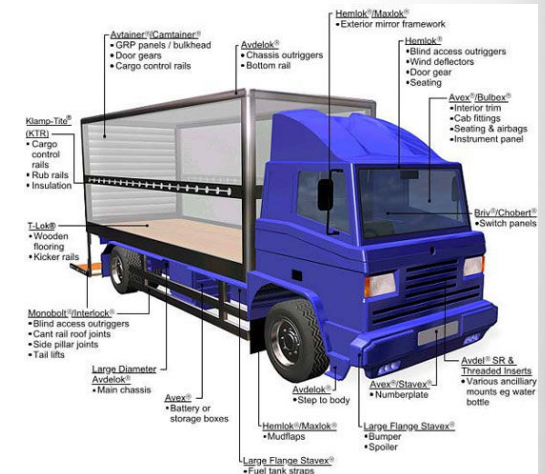


Competition Benchmark

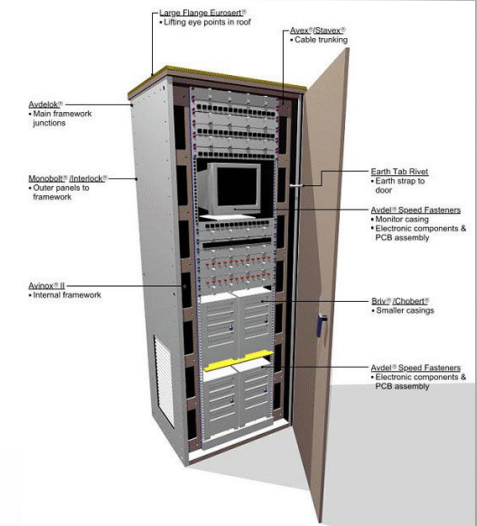
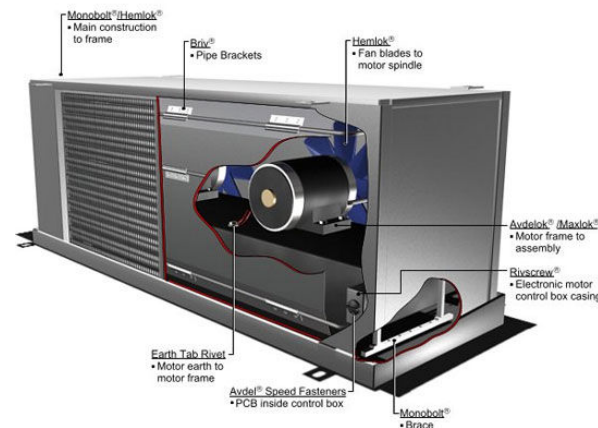
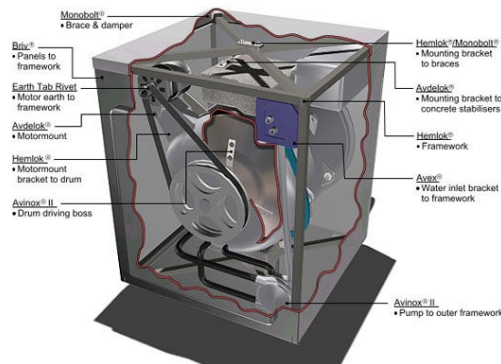
						 Avdel® An Acument™ Global Technologies Company	 Avdel® An Acument™ Global Technologies Company
Model Name		CP9883	CP9884	Ingersoll Rand	Ingersoll Rand	AVDEL	AVDEL
Item Nb		8941098830	8941098840	LA437-EU	LA415-EU	71203 / 71204	71224
Description		Industrial Air Riveter 4,8mm (3/16")	Industrial Air Riveter 6,4mm (1/4")	Industrial Air Riveter 4,8mm (3/16")	Industrial Air Riveter 6,4mm (1/4")	Industrial Air Riveter 4,8mm (3/16")	Industrial Air Riveter 6,4mm (1/4")
Rivet Nut Size	[mm] ([inch])	2,4mm (3/32") 3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16")	4,8mm (3/16") 6,4mm (1/4") 6,4mm (1/4") Monobolt	2,4mm (3/32") 3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16")	2,4mm (3/32") 3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16") 6,4mm (1/4")	3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16") Aluminium Only	3,2mm (1/8") 4,0mm (5/32") 4,8mm (3/16") 6,4mm (1/4")
Nozzle #		4	3	4	5	3	4
Rivet Shaft Collector		Yes	Yes	No	Yes	Yes	Yes
Air Exhaust Adjustment		Yes	Yes	No	No	No	No
Rivet Vacuum holder		Yes	Yes	No	No	No	NA
Bolt Diameter	[mm] ([inch])	23mm (0.9")	23mm (0.9")	NA	NA	30mm (1")	30mm (1")
Max Stroke	[mm] ([inch])	20mm (0.79")	29mm (1.14")	16mm (0.6")	16mm (0.6")	14mm (0.55")	26mm (1.02")
Cycle Time				NA	NA	0.9 sec.	1.2 sec.
Pulling Load	[kg] ([lb])	865kg (1900lb)	1600kg (3530lb)	NA	NA	600kg (1350lb)	1290kg (2900lb)
Tool Height	[mm] ([inch])	265mm (10.43")	325mm (12.79")	260mm (10.2")	315mm (10.43")	282mm (11.10")	320mm (12.6")
Weight	[kg] ([lbs])	1,46kg (3.2lb)	1,9kg (4.19lb)	2,8kg (6.1lb)	2,0kg (4.4lb)	1,7kg (3.75lb)	2,3kg (5.1lb)
Air consumption	[l/stroke]	2,1	4,3	1,7	1,7	1,2 (@5.5bar)	4,3 (@5.5bar)
Air inlet	[inch]	1/4	1/4	1/4	1/4	1/4	1/4
Sound level	[dB(A)]	66	67	94 dB(A)	90 dB(A)	<75dB(A)	<75dB(A)
Vibration	[m/s²]	<2,5	<2,5	<2,5	<2,5	<2,5	<2,5
UPC CODE		15451585389	15451585396				
Features :							
All :							
						Air cutoff on trigger Soft touch rubber grip	Air cutoff on trigger Soft touch rubber grip Integral Cycle Counter

Applications

Commercial Vehicles: Trucks, Buses, Trailers



Light Industries: Appliances, Electronics, Windows, Doors, Lighting, furniture, ladders



Heavy Industries: HVAC, Cabinets, Racking, Maintenance, compressors...

CONCLUSION

Why to choose the CP9883/9884?

➤ Maximize Operator comfort

- ✓ The Lowest noise level: **66dB(A)**
- ✓ The Lowest vibration level: **<2.5m/s²**
- ✓ One of the **most ergonomic tool** (balanced & soft)

➤ Enlarge applications coverage

- ✓ Up to **7 nose sizes** for the most used rivets in applications
- ✓ **Heavy** pulling loads up 3550 lbs. for stainless steel rivets
- ✓ **Vacuum system** to maintain the rivets even in vertical applications

➤ Reliable & Easy to service

- ✓ **Durable construction** (> 600,000 strokes)
- ✓ **Repair kit tools** provided inside the box
- ✓ **Easy maintenance and repair procedure**



High-performance products.
Designed for you !

