

LOCATION, ADDRESS, E-MAIL, TELEPHONE & FAX NOS. OF AREA / TERRITORY / FIELD OFFICES

Location of Area / Territory / Field Offices	Address	E-mail	Tel. Nos.	Fax Nos.
Mumbai	Unit No.602, 6th Floor, Raheja Arcade, Plot No.61, CBD Belapur, Navi Mumbai - 400 614.	mumbaiarea@adorians.com	(022) 2757 0099 2757 8770	(022) 2757 8770
Vasco	No. 3, 'Merces Towers' 1st Floor, Vaddem, Near KTC Bus Stand, Vasco-da-Gama, Goa - 403 802.	vascoter@adorians.com	(0832) 2510 190	(0832) 2500 382
Pune	P. B. No. 2, Akurdi, Chinchwad, Pune - 411 019.	punearea@adorians.com	(020) 2747 6906 2747 6276/77	(020) 2747 2349 2747 3751
Nagpur	17, Ganesh Colony, Pratap Nagar Square, Opp. Gurukripa Super Bazar, Ring Road, Nagpur - 440 022.	nagpurter@adorians.com	(0712) 3299 172	(0712) 2287 363
Baroda	Suraj Plaza III, 7th Floor, Sayajiganj, Vadodara - 390 005.	baroda.area@adorians.com	(0265) 2362 335 3259 954	(0265) 2361 851
Silvassa	Survey 59/1/1/1, Khanvel Road, Masal, Silvassa - 396 230.	--	(0260) 3632 287 3258 843	(0260) 2632 776
Ahmedabad	804-805, Sakar IV, Near Ellis Bridge, Ahmedabad - 380 006.	ahmedabadter@adorians.com	(079) 6661 2788 2657 9928	(079) 6661 2788
Jamnagar	504, 5th Floor, Swagat Building, Opp. Hotel Regency, Pandit Nehru Marg, Jamnagar- 361 001.	jamnagarter@adorians.com	(0288) 2665129	(0288) 2665129
Delhi	C-116, Naraina Industrial Area, Phase 1, New Delhi - 110 028.	delhi@adorians.com	(011) 4141 1049 4141 1106	(011) 2579 5529
Faridabad	151, 1st Floor, Om Shubham Tower, Neelam Bala Road, Faridabad - Haryana - 121 001.	faridabadter@adorians.com	(0129)4033 908	(0129) 4031 151
Ludhiana	Shanghai Tower, Firoz Gandhi Market, SCO 13, 2nd Floor, Opp. ICICI Bank, Ludhiana - 141 001.	ludhianater@adorians.com	(0161)5084 496	(0161) 5017 901
Jammu	21, 2nd Floor, 29, G.M.C. Rail Head Complex, Jammu - 180 004.	--	(0191)2471840 09419185246	--
Sundernagar	Kamaksha Complex, 1st Floor, Near Humsafar Hotel, Sunder Nagar, Dist. Mandi, Himachal Pradesh - 174 401.	--	09816049001	--
Lucknow	Aakash Apartment, Block 2, 31 Gokhale Marg, Lucknow - 226 001.	lucknowarea@adorians.com	(0522) 3250 033 3250 034	(0522) 2209 795
Rihand	C/o. Raj Bhadr Singh, Ballabh Complex, Shop No.4, Auri More, Anpara, Sonbhadra - 231 220.	--	(05446) 274979	(05446) 274979
Haridwar	Jamma Palace Lane, Ranipur More, Haridwar - 249 401.	haridwarter@adorians.com	(01334) 265082 265083	(01334) 265082
Jaipur	309, Atshwarya Tower, Ajmer Road, Jaipur - 302 001.	jaipurter@adorians.com	(0141) 2220 833 2220 834	(0141) 2220 834
Kolkata	P-6, CIT Road, Scheme L.V. (Moutali) Kolkata - 700 014.	kolkata@adorians.com	(033) 2216 6585 2216 8400	(033) 2216 6587
Silchar	N. N. Datta Road, Opp. Jain Bhawan, Silchar - 788 001.	--	(03842) 245532	--
Guwahati	Dr. B.K.Kakoti Road, Kachari Basti, Opp. Indian Oil Corpn. Ltd, (AOD) Guwahati - 781 007.	guwahatiter@adorians.com	(0361) 2461 923 2461 936	(0361) 2461 936
Siliguri	Nanak Complex, 3rd Floor, Sevoke Road, Siliguri - 734 401.	--	09832094887	--
Jamshedpur	Shop No.4, 3rd Floor, Shatabdi Tower, 1 SNP Area, Sakchi, Jamshedpur - 831 001.	jamshedpur@adorians.com	(0657) 2427 851	(0657) 2223 104
Bhubaneswar	Flat No.406, Nirmala Plaza, Forest Park, Bhubaneswar - 751 009.	bhubaneswarter@adorians.com	(0674) 2595 743 2595 415	(0674) 2595 415
Rourkela	E-8, Chanda Housing Board Colony, Phase I, Rourkela-769 015	--	09861006160	--
Indore	402, Apollo Trade Centre, Ambedkar Square, Geeta Bhavan -Chouraha, A.B.Rd, Indore - 452 001.	indore.area@adorians.com	(0731) 2494 220 4066 840	(0731) 4066 840
Jabalpur	392/B, Napier Town, Jabalpur - 482 002.	--	(0761) 4015 444	(0761) 4015 444
Raipur	Bilaspur Road, Bhanpuri Industrial Area, Raipur - 493 221.	raipurter@adorians.com	(0771) 2562 290 4041 317	(0771) 4041 318 2562 204
Chennai	Capital Towers, 2nd Floor, 180, Kodam Bakkam High Road, Nungambakkam, Chennai - 600 034.	chennai.area@adorians.com	(044) 2822 1375 2822 0816	(044) 2822 1376
Trichy	Premier Plaza, 122/5, Bharthiyar Salai, Contonment, Tiruchirappalli - 620 001.	trichyter@adorians.com	(0431) 4001 118 4001 117	(0431) 4001 117
Coimbatore	1565, (Old No. 1310), Trichy Road, Coimbatore - 641 018.	cbarea@adorians.com	(0422) 2303 869 2304 281	(0422) 2303 869
Kochi	D. No. 41/3031-A, Providence Road, Ernakulam, Kochi - 682 018.	kochiarea@adorians.com	(0484) 2394 653	(0484) 2394 401
Bangalore	N-406/407, North Block, Rare Wing, Manipal Centre, Dickenson Road, Bangalore - 560 042.	blr.area@adorians.com	(080) 2558 5125	(080) 2532 1477
Hospet	Door No. 516/A, College Road, Opp. Civil Judge Court, Patel Nagar, Hospet - 583 201.	phaniraj@adorians.com	09880194128	--
Hyderabad	9-1-93/1, Lane Adjacent to Sangest Cinema, Sarojini Devi Road, Secunderabad - 500 003.	hyd.area@adorians.com	(040) 2771 2090 6649 2090	(040) 2771 5570
Vizag	Varanasi Majestic Complex, 47-10-17, 2nd Floor, B-1, 2nd Lane, Dwarakanagar, Vizag - 530 016.	valzagter@adorians.com	(0891) 6616 166 2717 366	(0891) 6616 211

Warranty : One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from Plant / Area and Territory Offices/ Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.

Backed by our dedicated customer care package.

** Engine Warranty : Back to back engine warranty as per engine manufacturer.

In view of continuous development, Ador Welding Limited reserves the right to modify / change the design and / or the specifications without any prior notice.

One stop weld-shopping. Non-stop quality



India's Weldin Power House
ADOR WELDING LIMITED

Central Marketing Office : L. B. S. Marg, Bhandup (W), Mumbai - 400 078. INDIA Ph. : (022) 2596 2564 / 77, 2596 0285 / 88
Fax : (022) 2596 6562, 2596 6062 E-mail : cmo@adorians.com Website : www.adorwelding.com



SILENT CHALLENGER SERIES

**New Generation Silent Diesel Welding Sets
Confirming to Latest CPCB Norms.**



- Conforming to latest CPCB norms for noise exhaust & emission levels.
- Versatile applications, including cross country, inplant pipe and tube welding.
- Ideal for fabrication, repairs and maintenance at site.
- Highly reliable even in hostile site condition.
- Big savings in fuel and longer runs before next refueling.
- Specially proven with Cellulosic (6010 & 7018 types) and other special types of electrodes.
- Prompt Pre and Post Sales Services.
- Super Silent Operation.



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TECHNICAL SPECIFICATIONS:

PARAMETER	UNIT			
	SILENT CHALLENGER 301	SILENT CHALLENGER 401	SILENT CHALLENGER 501	SILENT CHALLENGER 2X300
MODEL				
Welding Generator type/description	Brushless type, Induction Generator, Fitted with High frequency Secondary Inverter to get Ripple free, Constant current (CC) Welding Output., with winding-less, commutator-less, magnet-less, Slip-ring less and Rotating diode-less Rotor construction for maintenance free and reliable operation.			
Operator	Single	Single	Single	Double
Welding current range	40-300	50-400	50-500	30-600
OCV (max/min)	90/40	90/40	90/40	90
Welding Characteristics	Constant Current (CC)	Constant Current (CC)	Constant Current (CC)	Constant Current (CC)
Max. hand welding current @ 40 % Duty cycle	NA	NA	NA	600 @ 30 Volts max.
Max. cont. hand welding current @ 60 % Duty cycle	300	400	500	500 @ 30 Volts max.
Current @ 100% duty cycle	230	310	400	400 @ 37 Volts max.
Insulation Class	F	F	F	F
Diameter of coated electrode	2.5 to 6.3	2.5 to 6.3	2.5 to 6.3	2.5-6.3
Generally conforms to	2635	2635	2635	2635
Welding Current adjustments / settings provided on the set	Stepless welding current adjustment through knob provided on front panel and Remote Control Unit with 10 mtr cable. Welding current range selector switch provided on the front panel of the set			
ENGINE				
Make	Simpson	Simpson	Simpson	Simpson
Type	S217	S433	S433	S433
Cylinder	2	4	4	4
Rated Engine Speed	1800	1800	1800	1800
Engine cooling	Water cooled	Water cooled	Water cooled	Water cooled
Engine rating	23 at 1800 rpm	45 at 1800 rpm	45 at 1800 rpm	45 at 1800 rpm
Conforms to	IS: 10002 / 81	IS: 10002 / 81	IS: 10002 / 81	IS: 10002 / 81

Starting (12V)	Type	Electric start (Battery 12 V, 75AH)		
Fuel consumption	Litr/hr	3.3	4.5	4.5
Fuel tank capacity	Ltrs.	36	70	70
Meters/Gauges/Indicators provided on set	Type details	Lube Oil Pressure gauge Engine Coolant Temperature gauge Battery charge ammeter and warning lamp Hour meter to indicate Hrs run Fuel level Indicator gauge		
Engine safety protections.	Type	** Optionally provided with Auto shut off device for low lube oil pressure & high coolant temperature.		
** Optional at Extra Price				
CPCB Compliance requirement .		Meets CPCB compliance for Exhaust Emission and Noise within 75 dBA at 1 mtr as per CPCB specifications		
AUXILIARY POWER SOURCE (BUILT-IN) (* indicates ratings with simultaneous welding load)				
Voltage	Volts	415 / 240	415 / 240	415 / 240
Rating (3 Phase)	KVA	10	* 10	18 (* 8 KVA max with 100% weld load)
Rating(Single Phase)	KVA	3	* 3	6 (* 3 KVA max with 100% weld load)
Phases	No.	3/1	3/1	3/1
Output Plug sockets for Aux. output supply	Type	Weather proof Industrial output sockets 1 each for 3 phase 415 V and 1phase 230V supply provided		
GENERAL				
Dimensions & Weight.		Skid Mounted		
Length	mm	2100	2500	2500
Width	mm	850	850	850
Height	mm	1500	1500	1500
Weight (net)	kgs	1100	1200	1200
Length	mm	3050	3450	3450
Width	mm	1400	1400	1400
Height	mm	2075	2075	2075
Weight (net)	kgs	1250	1350	1350
Length	mm	3500	3900	3900
Width	mm	1400	1400	1400
Height	mm	2075	2075	2070
Weight (net)	kgs	1350	1450	1450
OPTIONAL ACCESSORIES (AT EXTRA COST)				
1000 Hr Engine maintenance kit	Code No.	64101105	64101104	6410104
Welding accessories	Code No.	6400115	6400115	6400114
Amp/Volt meter attachment	Type	DPAV 600 : 6400121	DPAV 600 : 6400121	DPAV 400 : (6400151)DPAV/ 800(6400122)
Spark Arrester	Code No.	6410121	6410121	6410121