

# THYROLUXE 401/600

**State - of - the - art technology  
which conventional welding rectifiers cannot match  
- with economy every site welding contractor  
and workshop is now searching for**



- Choice of heavy duty model to take care of both welding & gouging (for 600 A model only)
- Superior performance; proven even for critical stove pipe welding
- Better arc stability over a wider band width of input supply fluctuations
- Welder friendly - protected against unfriendly site conditions
- Worry-free on maintenance



**ADOR WELDING LIMITED**

Central Marketing Office

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# THYROLUXE 401/600








Superior welds comparable in quality to welding done by a motor generator



## Salient Features :

- Perfectly balanced wave form rectification provides spatter - free welding with higher metal deposition
- Easy arc striking. High OCV for ease in arc start / restart
- Equipment can withstand rigorous environmental condition
- "Constant current:" or "drooping" type output characteristics are ideal for Manual Metal Arc Welding (MMA), Tungsten Inert Gas Welding (TIG) or other welding applications
- Maintenance -free
- Power source provided with in-built Hot start / Antistick and self controlled arc force dynamics
- Power source provided with under voltage, over voltage, single phasing, over load and short circuit protections

## TECHNICAL SPECIFICATIONS

MODEL	UNIT	THYROLUXE 401	THYROLUXE 600
<b>INPUT</b>			
Supply Voltage	 Volts	415, +10%, -15%	415, +10%, -15%
Phase	No.	3	3
Frequency	Hz	50 / 60	50 / 60
Characteristics	Type	Constant Current	Constant Current
Max. Input power @ 60 % duty cycle	KVA	23.5	40
Max. Input current @ 60 % duty cycle	 A	32.5	55
Recommended switch fuse / rating	A	TP-33	TP-60
<b>OUTPUT</b>			
Open Circuit Voltage	V	100	100
Current Range	 A	10-400	20-600
Max. Current @ 60% duty cycle	 A	400	600
Max. Current @ 100% duty cycle	A	310	465
<b>GENERAL</b>			
Class of Insulation	Class	F	H
Cooling	Type	Forced Air	Forced Air
Protection class	Class	IP23	IP23
Dimensions (approx.)			
Length	 mm	790	930
Width	mm	585	685
Height	 mm	810	940
Weight	kg.	160	240
<b>ORDERING CODE</b>	<b>No.</b>	<b>3440105</b>	<b>3440106</b>
<b>OPTIONAL ACCESSORIES</b>			
Welding Accessories		WAC-400	WAC -600
<b>ORDERING CODE</b>		<b>3440105</b>	<b>3440106</b>

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

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

Backed by our dedicated customer care package.

Contact Authorised Distributor :



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Central Marketing Office & International Business Division

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