

COMMITTED TO A SAFE AND SOUND EXPERIENCE

India's largest manufacturer of Electric Horns with a wide presence in 6 continents & Major OEM's. State of the art manufacturing facilities spread across India, Malaysia, Russia and Iran.

Stringent compliances to international standards.

16 product lines and over 700 variants with multi-functional capabilities.

A unique understanding of how products work in different environments and the research backing to achieve excellence. These are just some of the factors that make "Roots" commitment to a safe and sound experience, very real.

www.graphicssystems.in



Product Catalogue



Roots Industries India Limited

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Roots reserves the right to make any changes considered necessary for the purposes of improvement at any time or for any reason without prior notice, in line with its policy of continuous Product Improvement, Development and Progress.

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Product with **Quality**

Process with **Perfection**

Service with **Exceeding Customer's Expectations**



TÜVRheinland®
Precisely Right.

ISO-TS 16949 Certified

(E9) E mark Certified

UL Certified

CCC Certified

Quality
attracts response

Aesthetic with safety



VIBRO MAX

Voltage : 12V, 24V
Consumption : 4.0A, 3.0A
Frequency : High Tone : 400Hz
Low Tone : 325Hz
Sound Pressure : 120 ± 5 dB(A)

Applications :



MEGASONIC

Voltage : 12V, 24V
Consumption : 4.0A, 3.0A
Frequency : High Tone : 395Hz
Low Tone : 315Hz
Sound Pressure : 120 ± 5 dB(A)

Applications :



VIBROSONIC

Voltage : 6V, 12V, 24V, 36V/48V
Consumption : 6.0A, 3.5A, 2.0A, 1.5A
Frequency : High Tone : 395Hz
Low Tone : 325Hz
Sound Pressure : 120 ± 5 dB(A)

Applications :



CLEARTONE DELUX

Voltage : 6V, 12V, 24V
Consumption : 3.5A, 2.5A, 2.0A
Frequency : High Tone : 445Hz
Low Tone : 405Hz
Sound Pressure : 112 ± 5 dB(A)

Applications :



CLEARTONE

Voltage : 6V, 12V, 24V
Consumption : 3.5A, 2.5A, 2.0A
Frequency : High Tone : 445Hz
Low Tone : 405Hz
Sound Pressure : 112 ± 5 dB(A)

Applications :



ROOTS SPIDER

Voltage : 12V, 24V
Consumption : 4.0A, 3.0A
Frequency : High Tone : 420Hz
Low Tone : 350Hz
Sound Pressure : 112 ± 5 dB(A)
Colour :

Applications :



SUPERSONIC

Voltage : 12V, 24V
Consumption : 3.5A, 2.0A
Frequency : High Tone : 395Hz
Low Tone : 325Hz
Sound Pressure : 120 ± 5 dB(A)

Applications :



VIBRO MINI

Voltage : 6V, 12V, 24V
Consumption : 3.0A, 2.5A, 3.0A
Frequency : High Tone : 420Hz
Low Tone : 360Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :



CLEARTONE SPECTRA

Voltage : 12V, 24V
Consumption : 2.5A, 2.0A
Frequency : High Tone : 445Hz
Low Tone : 405Hz
Sound Pressure : 112 ± 5 dB(A)

Applications :



ROOTS 125

Voltage : 12V, 24V
Consumption : 12V - 4.0A
24V - 2.0A
Frequency : High Tone : 500Hz
Low Tone : 350Hz
Sound Pressure : 113 ± 5 dB(A)

Applications :



WINDTONE 70

Voltage : 12V
Consumption : 6.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :

Customer satisfaction Reflecting in every honk

Tone that enriches your wagon



RC 4

Voltage : 12V, 24V
Consumption : 4.0V, 2.5A
Frequency : High Tone : 420Hz
Low Tone : 335Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :    



ROOTS 100

Voltage : 12V, 24V
Consumption : 4.0A, 3.0A
Frequency : High Tone : 450Hz
Low Tone : 350Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :   



SMARTONE

Voltage : 12V
Consumption : 3.0A
Frequency : High Tone : 445Hz
Low Tone : 370Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :   



WINDTONE 90

Voltage : 12V
Consumption : 5.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :   



WINDTONE DELUX

Voltage : 6V, 12V
Consumption : 6.0A, 5.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :    



WINDTONE

Voltage : 6V, 12V
Consumption : 6.0A, 5.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :    



ROOTS 75

Voltage : 12V, 24V
Consumption : 3.0A
Frequency : High Tone : 420Hz
Low Tone : 355Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :   



ROOTS 70


Voltage : 12V
Consumption : 3.0A
Frequency : High Tone : 445Hz
Low Tone : 370Hz
Sound Pressure : 110 ± 5 dB(A)

Applications :   



ROOTS MINI

Voltage : 12V
Consumption : 2.5A
Frequency : High Tone : 450Hz
Low Tone : 350Hz
Sound Pressure : 108 ± 5 dB(A)

Applications : 



WINDTONE 75

Voltage : 12V, 24V
Consumption : 6.0A, 4.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :    



WINDTONE 75 VERTICAL

Voltage : 12V
Consumption : 6.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :    

Highly durable,
Uninterrupted work output

Honk only
for safety



BACKUP ALARM (TYPE B)

Voltage : 12V / 24V
Consumption : 2.0A
Frequency : 1200 Hz
Sound Pressure : 107 ± 4 dB(A)
83-111 dB(A)
with Ambient Sensing
Mode : Intermittent

Applications :   



BACKUP ALARM (TYPE B)

Voltage : 12V / 24V
Consumption : 2.0A
Frequency : 1200 Hz
Sound Pressure : 107 ± 4 dB(A)
83-111 dB(A)
with Ambient Sensing
Mode : Intermittent

Applications :   



BACKUP ALARM (TYPE C)

Voltage : 12V / 24V / 48V
Consumption : 2.0A
Frequency : 1200 Hz
Sound Pressure : 97 ± 4 dB(A)
83-102 dB(A)
with Ambient Sensing
and Switchable
Mode : Intermittent

Applications :   



ELECTRONIC HORN (MULTI VOLTAGE)

Voltage : 12V, 24/48V, 72/80 & 8/80V
Consumption : 3.0A
Frequency : 410 Hz
Sound Pressure : 105 ± 5 dB(A)

Applications :   
 



MFH ELECTRONIC HORN

Voltage : 12V
Consumption : 6.0A
Frequency : 500 Hz
Sound Pressure : 105 ± 5 dB(A)

Features :
▲ Regular Horn sound (single note 500Hz /400Hz or Pair)
▲ Additional buzzer sounds with reduced sound pressure level for warning and walk away closure feedback purpose on the vehicle

Applications :     



W75 (ELECTRONIC)

Voltage : 12 / 24 V
Current Drawn : 6.0A
Frequency : High Tone : 500Hz
Low Tone : 420Hz
Sound Pressure : 113 ± 5 dB(A) for pair

Applications :   
 

BACKUP ALARM

ELECTRONIC HORNS

MOBILE CHARGER & DC-DC CONVERTER



"SMART" USB CHARGER

Voltage : 12V / 24 V
O/P Voltage : 5.0 V DC
O/P Current : 0.9 amps to 2.7 amps
Automatically adapts to the device connected



DC-DC Converter

Voltage : 18 V DC to 32V DC
Output Voltage : 12V DC
Power Rating : 60W / 120W / 240W
Technology used : Buck mode SMPS regulator
Features : High voltage cut-off
EMI/EMC compatibility

RESONATING HORN



Voltage : 18V DC to 32VDC
Max. current : 6.0A
Frequency : 325 - 330 Hz
Sound Level : 120 ± 5 dB(A)

Applications :  

Howler