CUMI

CARBORUNDUM
UNIVERSAL LIMITED

murugappa

CUTTING & GRINDING WHEELS

METAL FABRICATION | CONSTRUCTION

About Us

Founded in 1900, the INR 329 Billion (32,893 Crores) Murugappa Group is one of India's leading business conglomerates. The Group has 28 businesses including nine listed Companies traded in NSE & BSE. Headquartered in Chennai, the major companies of the Group include Carborundum Universal Ltd., Cholamandalam Investment and Finance Company Ltd., Cholamandalam MS General Insurance Company Ltd., Coromandel International Ltd., Coromandel Engineering Company Ltd., E.I.D. Parry (India) Ltd., Parry Agro Industries Ltd., Shanthi Gears Ltd., Tube Investments of India Ltd., TI Financial Holdings Ltd and Wendt (India) Ltd.

In Numbers

118 + years	28 Business	9 Listed Companies
67000 Cr+ Market Cap	murugappa	32,893 cr Turnover
35000+ Work force	90+ Mfg Locations	50+ Countries

Companies

TI INDIA · Coromandel FUTURE POSITIVE · PARRYS · PARRY AGRO · CUMI · WENDT · Chola MS GENERAL INSURANCE · Chola Enter a better life

Sectors

- Engineering
- Agriculture
- Finanance

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About CUMI

Founded in 1954, Carborundum Universal Limited pioneered the manufacture of Bonded Abrasives and Coated Abrasives in India in addition to the manufacture of Super Refractories, Electro Minerals, Industrial Ceramics and Ceramic Fibres. Today the company's range of over 20,000 different varieties of abrasives, refractory products and electro-minerals are manufactured in ten locations across various parts of the country. The consolidated revenue of CUMI in 2018-19 stood at Rs. 2,655 crores.

The Abrasives business division is not only the oldest but the largest part of the organization. An abrasives is a hard, tough and wear resistant substance for grinding and polishing operations, manufactured through a complex and high technology process, these abrasives are used in metal removal, cutting and finishing operations in almost all industries.

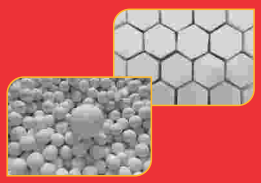
CUMI owns some of the most renowned brands like Samurai, Tezz, Speed, Concord , Ajax, Jawan, & Sandmaster to name a few which are used in wide range of Industries ranging from Automobile and Ancillary which requires a great level of precision to Industries like Construction and Fabrication.

BUSINESSES

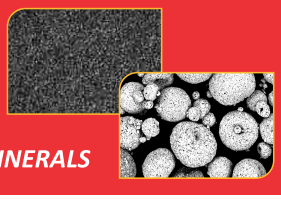
ABRASIVES

SUPER REFRACTORIES & PRODORITE

INDUSTRIAL CERAMICS



ELECTRO MINERALS



In Numbers

- 5000+ Employees
- 2655 Cr 2018-19
- 25+ States
- 64 + years
- 27 Branches
- 50+ Countries
- 10 Mfg Plants
- 3600+ Dealers

THIN WHEELS - FOR CUTTING & GRINDING

With over 60 years of expertise in the abrasive industry catering to the thin wheel market, we have evolved to meet the diverse needs of our customers.

Our customers in the various industries use the solutions engineered by the material science experts at CUMI to meet their specific needs. We provide end to end solutions for our customers in various industries so that all their search for quality abrasives ends at one place. With a dedicated customer support team working round the clock, we make sure that our customer's problems are addressed in the best possible way.

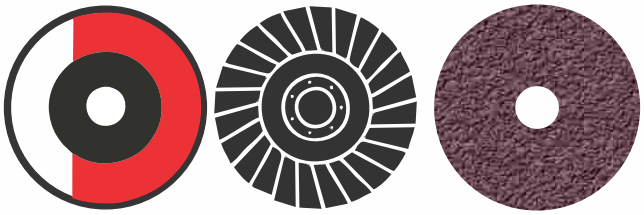
If you do not find the exact solution for your needs from this brief catalogue, we offer tailor made products to meet your requirements, as well.

GRINDING PRINCIPLES :

TYPE 27

Type 27 wheels are essentially straight wheels that have a “depressed centre/raised hub”.

Different types of fibreglass reinforcement mesh give the product stability for use, on the periphery, on the face, or a combination of the two.



Grit Range:

24-46 Grits for stock removal
60, 80, 120, grits for blending and finishing

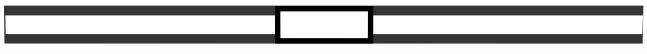
WHY CHOOSE DEPRESSED CENTER WHEELS?

Depressed Center Wheels vs. Flap Discs or Fiber Discs

- Up to 5X life over flap discs, less downtime
- Up to 100X life over fiber discs, less downtime
- Rigidity for severe operations and high power grinder
- Can be used to grind inside corners at outer edge of wheel

CUTTING PRINCIPLES :

TYPE 01/TYPE 41 STRAIGHT SIDE REINFORCED CUT-OFF WHEEL



Side reinforced wheels have two full layers of reinforcing and are designed for a fast cut and the most aggressive applications. All Purpose. Fast Cut and Long Life wheels are side reinforced.

TYPE 01/TYPE 41 STRAIGHT CENTRALLY REINFORCED CUT-OFF WHEEL

Centrally Reinforced wheels have a single layer of reinforcing with exposed rough sides for free cutting, non-binding applications where minimal burr and burn are the key requirements. Fast cutting wheels are generally centrally reinforced .

HICUT

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BDERKU35701556	100	4	16	80
RDERNU35700366	100	6	16	60
BDERLU35701091	125	5	22.23	80
BDERLU35701102	125	7	22.23	60

FEATURES & BENEFITS

- 01 Excellent free cutting action
- 02 Specially designed for industrial applications
- 03 Very high material removal and life
- 04 High safety & Consistency

CUMI A30 S BF - CUMI DC 4MM

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BDCRKU35703070	100	4	16	200

FEATURES & BENEFITS

- 01 Red colour grooved DC wheel
- 02 Easy and fast material removal
- 03 Specially designed for industrial applications
- 04 Requires less pressure, providing increased operator comfort

SAMURAI

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BDCRKU35700346	100	4	16	200
BDCRNU35700347	100	6	16	160
BDCRNU35700414	100	6	22.23	60

FEATURES & BENEFITS

- 01 Excellent choice for very high material removal rate
- 02 Up to 40% higher material removal rate than standard Aluminium oxide DC wheels
- 03 Requires less pressure
- 04 High safety and consistency

TEZZ GREEN

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BDCRKJ35702925	100	6	16	200

FEATURES & BENEFITS

01 Very high material removal and good life

02 Best Value choice for Grinding, stock removal, edge chamfering, beveling, weld blending

03 Upto 30% higher material removal rate than standard Aloxide DC Wheels

04 Specially designed for use in SS and MS

FEATURES & BENEFITS

01 Black colour grooved DC wheel

02 Excellent choice for good material removal and good life

03 Specially designed for heavy stock removal, and blending works

04 Specially designed for longer life

CUMI A30 S BF- CUMI DC 6mm

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BDCRKU35703003	100	6	16	160
BDCRLU35703014	125	6	22.23	60

SAMURAI FLEXIBLE DC

FEATURES & BENEFITS

01 Special grain and bond combination to give free cutting action.

02 Excellent choice for Stainless Steel applications

03 Specially designed to give highest life.

04 Available Grits- 36 ,46, 60

Grit	Item Code	DIA (D)	THK (T)	BORE	Pack Size
36	BDCRKU35702903	100	2.5	16	240
46	BDCRKU35702725	100	2.5	16	240
60	BDCRKU35702736	125	2.5	16	240

SAMURAI PLATINUM CHOPSAW

FEATURES & BENEFITS

- 01 Black double fabric
- 02 High safety and consistency
- 03 Optimum cutting action
- 04 Specially designed for general purpose applications

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8035500756	350	3	25.4	30

CUMI CHOPSAW

FEATURES & BENEFITS

- 01 Black single fabric
- 02 Highest wheel life and value for money
- 03 Easy cutting action
- 04 High safety & consistency

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8U35500901	350	2.8	25.4	30

CUMI DF CHOPSAW

FEATURES & BENEFITS

- 01 Black double fabric
- 02 Specially designed for faster cutting for operator comfort
- 03 For robust/heavy cutting works
- 04 High safety & longer life

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8035500912	350	3	25.4	30

TEZZ INOX CHOPSAW

FEATURES & BENEFITS

- 01 Green single fabric
- 02 High safety and consistency
- 03 Optimum cutting action and upto 30% more life
- 04 Best for MS and SS

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8J35500834	350	2.8	25.4	25

SAMURAI CHOPSAW

FEATURES & BENEFITS

- 01 Black single fabric
- 02 Ultra fast cutting action
- 03 Best choice for general purpose metal cutting works
- 04 Faster cutting action with lesser effort, providing increased operator comfort

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8U35500778	350	2.8	25.4	30

HI-CUT CHOPSAW

FEATURES & BENEFITS

- 01 Black single fabric
- 02 Good choice for general purpose cutting works
- 03 Optimised for good cutting action and life
- 04 High safety & consistency

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BB1R8U35500633	350	2.8	25.4	30

TEZZ INOX

FEATURES & BENEFITS

- 01 Green Single Fabric
- 02 Specially designed for industrial applications
- 03 Best for SS and MS
- 04 Optimum Life and cutting action

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9J35602504	107	1	16	500
BROR9J35602326	125	1	22.23	600

DYNOS

FEATURES & BENEFITS

- 01 Black- Double Fabric
- 02 Optimized with superior cutting action and long life
- 03 Best in class cutting on SS and MS
- 04 High safety due to double fabric

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9J35602660	107	1	16	400
BROR9J35602682	125	1	22.23	500

TEZZ

FEATURES & BENEFITS

- 01 Black double fabric
- 02 Best & economical choice
- 03 For optimised cutting action and life
- 04 High safety and consistency

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9U35602493	105	1	16	400
BROR9U35602326	125	1	22.23	500

CUMI ABRASIVE BLACK

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9J35602637	107	1	16	800

FEATURES & BENEFITS

01 Black double fabric

02 Superior cutting action

03 High safety and consistency

04 Excellent free cutting action

SLEEK

FEATURES & BENEFITS

01 Black double fabric

02 Special grain for soft cutting

03 Specially designed for Industrial works with cool cutting technology

04 Specially designed for longer life

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9U35602015	105	1	16	300
BROR9U35602026	105	1.5	16	360
BROR9U35602037	105	2	16	400

REINFORCED CUT OFF WHEELS

SLEEK

FEATURES & BENEFITS

- 01 Best economic wheel for general purpose cutting works
- 02 Robust cutting and longer life
- 03 Specially designed for industrial applications
- 04 High safety & Consistency

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9U35602582	100	3	16	200
BROR9U35602593	125	3	22.23	160

A24 SAMURAI

FEATURES & BENEFITS

- 01 Great choice for faster cutting
- 02 Best for Grinding, stock removal
- 03 Greater operator comfort and less fatigue
- 04 Better safety

Item Code	DIA (D)	THK (T)	BORE	Pack Size
BROR9U35601904	100	3	16	200
BDCRLU35701180	125	3	22.23	160

CUMI POWER TOOLS FOR BETTER PERFORMANCE

CHOPSAW

CCM 355E

- 01 Heavy Duty & Professional
- 02 Power 2300 Watt Motor with Aluminium Housing
- 03 Long Life Motor for Effective Cutting Applications
- 04 Sturdy Base For Effective Clamping

ANGLE GRINDER 4inch

Model No	Watts
CAG 4-700S	700 W
CAG 100P	850 W

- 01 Compact gear box system
- 02 Light weight for handling and more productivity
- 03 Robust and Double Insulated Motor
- 04 Dust Preventive Rubber Sealed Bearings

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