



**CARBORUNDUM
UNIVERSAL LIMITED**



FLAP & MOP WHEELS





CARBORUNDUM UNIVERSAL LIMITED

Carborundum Universal Limited (CUMI) is part of the 369 Million conglomerate Murugappa Group. The company pioneered the manufacture of Coated Abrasives and Bonded Abrasives in India. In addition, we also manufacture Super Abrasives, Super Refractories, Electro Minerals, Industrial Ceramics, Ceramic Fibers and Power Tools.

CUMI manufactures the complete range of Vitrified, Resinoid and Rubber bonded products for various industrial applications; Cylindrical Grinding, C'less Grinding, Surface Grinding, Face grinding and complete range of Coated products; Abrasive Paper, Fibre discs, Rolls, Flap Discs, Non woven and Flap Wheels.

Our products address various type of industries; Automobile OEM, Auto components, Steel, Bearing, Foundry, General Engineering, Aerospace, Wood. We also have unique products for Ball grinding, Ball Lapping, Roller Grinding etc.

CUMI has a strong R&D and Application support team to provide complete grinding system engineering and technical support to all customers. We offer our customer, the best quality products at competitive price.

CUMI specializes and develops specific products to meet the specific requirements of customers and market. We are confident that our product/service/price will provide the best value for your business.

Bore Mops



CUMI's flange mounted abrasive mop wheels are widely used in finishing surface of pipes, vessels in SS process equipment industries SS fabrication industry and auto ancillary industries for defect removal and polishing application. CUMI's mop wheel design ensures fresh abrasive grains are always available for finishing, due to the uniformly wearing flaps. This ensures consistent finish throughout product life. Wide range of products are available to suit the specific needs of the application.

HI-CUT

Product Description

Aluminium Oxide bore mops with open packed flaps to provide good cutting action.

Product Features

- Aluminium Oxide grain uniformly coated on on X' wt. cotton backing
- High material removal rate
- MS flange for high cutting speed
- Most suitable for working on contours



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	150	25	31.75	Stainless steel, MS, Alloys

HI-LIFE

Product Description

Aluminium Oxide bore mops with densely packed flaps to provide good finish & life.

Product Features

- Flaps arranged on a larger dia. flange
- Aluminium Oxide grain uniformly coated on X' wt. cotton backing
- Dense packing of flaps provides superior finish
- Longer wheel life



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	150	25, 40, 50	31.75	Stainless steel, MS, Alloys

Bore Mops



HI-FLEX

Product Description

Closely coated premium Aluminium Oxide grain coated on specially treated X' wt cloth backing for excellent finish and longer life on SS.

Product Features

- Wooden bush for quick and easy mounting on tapered spindle machines
- Provides superior and good finish on SS and Alloys
- Specially treated cotton for higher flexibility
- Higher wheel life with uniform cutting
- Good conformance to contours

Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120,	100	25, 50	16	Stainless steel, MS, Alloys
150, 180, 220, 320,	150	13, 25, 40, 50	16	
400, 600	200	25, 50	16	

CUTFAST

Product Description

Aluminium Oxide bore mops designed for optimum performance throughout wheel life.

Product Features

- Stepped flange for polishing intricate areas
- Closely coated Aluminium Oxide grain coated on X' wt cloth backing
- Available in various sizes and grits



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120,	100	25, 50	31.75	Stainless steel, MS, Alloys
150, 180, 220, 320,	200	13, 25, 50	31.75	

JAWAN

Product Description

Specially treated Alo. Grains for faster cut rate.

Product Features

- Flexible backing for better access to contours
- Vibration free and smooth sanding
- Available in both plain bore and wooden bush
- Excellent cutting action



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
60, 80, 120, 150, 180 220, 320, 400, 600	100, 150, 200	25, 40, 50	31.75, 16	Stainless steel

CUMI SHINE

Product Description

Made from semi friable alumina grains with specially made flexible cloth backing.

Product Features

- Excellent Cutting action
- Best suited for Stain less Steel Heavy Duty Fabrication
- Suitable for applications which need high level of surface finish
- Industry Segment - Food & Pharma Equipment & Machinery, SS Fabrication



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
120, 150, 180, 220, 320, 400, 600	100	25, 40, 50	31.75	Stainless steel, MS, Alloys
	150		31.75	
	200		31.75	

SUPERCUT NXT BORE MOPS

Product Description

Specially made for higher material removal application with special cloth allowing less fatigue to operator.

Product Features

- Value for Money product
- Fast Cutting Action, Less Fatigue to operator
- Industry Segment - Stainless Steel Tubes, Fabrication, Utensil
- Suited for Light - Medium Duty Application in Stainless Steel fabrication, Weld Removal



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
60, 80, 120	150	25, 40, 50	16	Stainless steel, MS, Alloys
	200		31.75	



Flap Wheels



CUMI's flange mounted large dia. Flap wheels are widely used for blending, de - burring and finishing OD of SS tubes, pipes, Utensils and auto components. The abrasive is non-loading, non-dulling due to nature of evenly wearing out flaps. This results in consistent finish. Adhesive used is uniformly distributed and ensures strong bonding and minimum vibration during use.

HI-CUT

Product Description

Aluminium Oxide based flap wheels designed for good cutting action throughout wheel life.

Product Features

- Aluminium Oxide grain uniformly coated on X' wt. Cotton backing for consistent finish
- Good adhesion for high surface speed
- Available in various sizes to suit typical applications
- Universal design for easy mounting



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120, 150,	250	25, 50, 75	127.5	Stainless steel, MS, Alloys
180, 220, 320, 400, 600,	300	25, 40, 50, 75	127.5	
800, 1000, 1200	350	25, 40, 50, 75	181	

*Note: Non standard sizes available on request

CUTFAST

Product Description

Aluminium Oxide based flap wheels designed for flexible operation with superior finish.

Product Features

- Aloxite grain uniformly coated on X' wt. Cotton backing for controlled cutting action
- Uniform cutting throughout wheel life
- Provides higher flexibility while operation



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
36, 60, 80, 100, 120,	250	25, 50	91	Stainless steel, MS, Alloys
150, 180, 220, 320, 400,	300	25, 50	114	
600, 800, 1000, 1200	350	25, 50	154	

*Note: Non standard sizes available on request

JAWAN

Product Description

Aluminium Oxide based flap wheels designed for finishing at less pressure.

Product Features

- Universal design for easy mounting
- Uniform cutting throughout wheel life
- Uniform scratch pattern
- Superior Finish and flexibility



Grit	Dia (mm)	Thick (mm)	Bore (mm)	Best Suited for
60, 80, 120, 150, 180 220, 320, 400, 600	250, 300, 350	25, 50	127.5, 181	Stainless steel

*Note: Non standard sizes available on request

Spindle Mops



CUMI's Spindle mounted mop wheels are widely used for de-burring, cleaning applications in metal fabrication industries and finishing of hard to reach areas such as internal surface of pipes, cylinders, moulds. Quality materials are used thus ensuring safety at high speed operations. Can be used with pneumatic, electrical hand held grinders.

CUTFAST

Product Description

Aluminium Oxide based spindle mops designed to operate at higher speeds with uniform cutting and finish.

Product Features

- Toughened Aluminium Oxide grains for high stock removal
- Superior strength steel spindle to withstand high speed
- Available in different sizes to suit typical application
- High strength adhesion for optimum performance at high speed

Grit	Dia (mm)	Thick (mm)	Spindle Dia (mm)	Best Suited for
36, 60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25	25	6	Stainless steel, MS, Alloys
	40	25, 40	6	
	50	25, 50	6	
	60	25	6	
	80	25	6	

* Note: Min.- Max. Dia. : 20-100 mm

Min.- Max. Thickness: 10-60 mm

Non - standard sizes are available on request

SAMURAI

Product Description

Specially made for higher material removal application with special cloth allowing less fatigue to operator.

Product Features

- Faster cutting action
- Low - Medium Duty application
- Industry Segment - Stainless Steel - Fabrication and allied industries

Grit	Dia (mm)	Thick (mm)	Spindle Dia (mm)	Best Suited for
60, 80, 100, 120, 150, 180, 220, 320, 400, 600	25	25	6	Stainless steel, MS, Alloys
	40	25, 40	6	
	50	25, 50	6	
	60	25	6	
	80	25	6	

* Note: Min.- Max. Dia. : 20-100 mm

Min.- Max. Thickness: 10-60 mm

Non - standard sizes are available on request



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