



COMPANY PROFILE







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PT. CAHAYA POLES MULIA

Polishing Buff & Compound Spesialist

PT. CAHAYA POLES MULIA is a leading manufacturer of polishing buff & compound specialize for mechanical surface of metals and woods. Our Products include Sisal Buff, Cotton Buff, Bias Buff, Cord Buff, & Polishing Compound.

We was established in 1994 in Tropodo, Waru Indonesia. In 2017, we relocate our production plan to Nganjuk with total area of 4 hectares.

For years, we have been accustomed in designing equipment to find the type of metal finishing that suit need of customers wih a competitive price.

We are assisted by our Quality Control team who always maintain the stability of the quality of our products. Our products are manufactured from high quality ingredients, designed for the industial polisher to obtain fast exceptional quality finishing.

We process our production material from basic RAW material to the final products it self, which is a proof or commitment to able provide competitive price for our customers.

We believe that our success is depends on our customers satisfaction, which has been our focus and motivation to providing the best quality of the products.





Vision

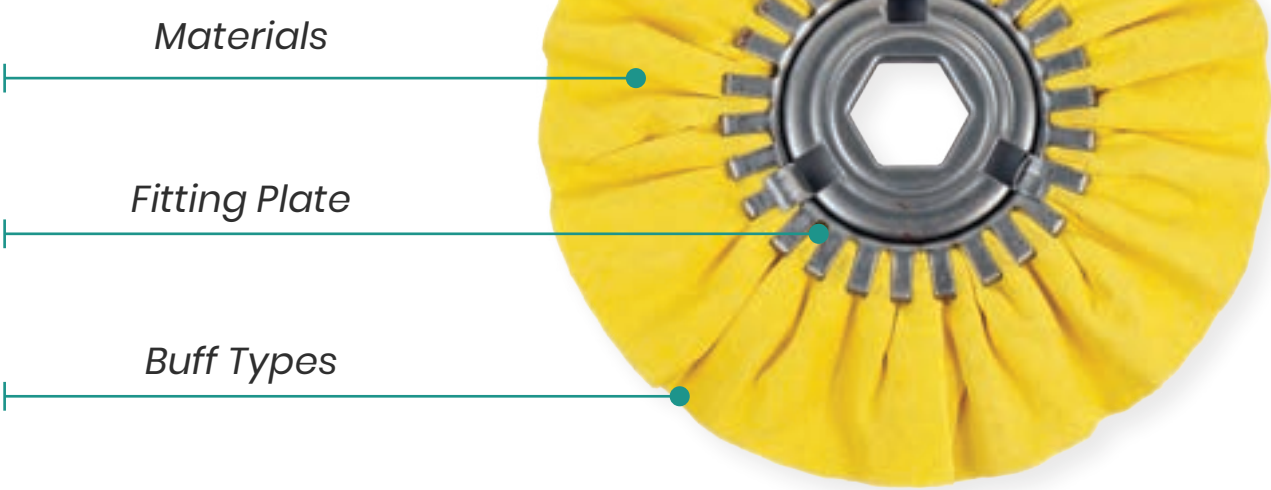
To be a polishing equipment company that provide all polishing related equipment in industrial and commercial use, available widely on the market at a competitive price and the best quality

Mission

Our focus is on our customer's satisfaction which is include providing the best quality, commitment at on time delivery, and consistency quality product with affordable prices



Polishing Buff



Code	Material	Aplication	End Result
S	Sisal	All Metals	Pre-polish & Polish
C	Cotton	All Metals, Aluminium	Bright, Mirror Finish
SC	Sisal & Cotton	All Metals	Pre-polish & Polish
F	Flannel	Woods	Bright, Mirror Finish
J	Jeans	All Metals	Pre-polish & Polish
SB	Scotch Brite	Stainless Steel	Pre-polish & Matte Finish

Impregnation Types

The main function for impregnation is to improve the wear resistance, while some formulation enhance the cutting result. Currently we have 5 types of impregnation. but any custom recommencation would be consider according to the customer requirement

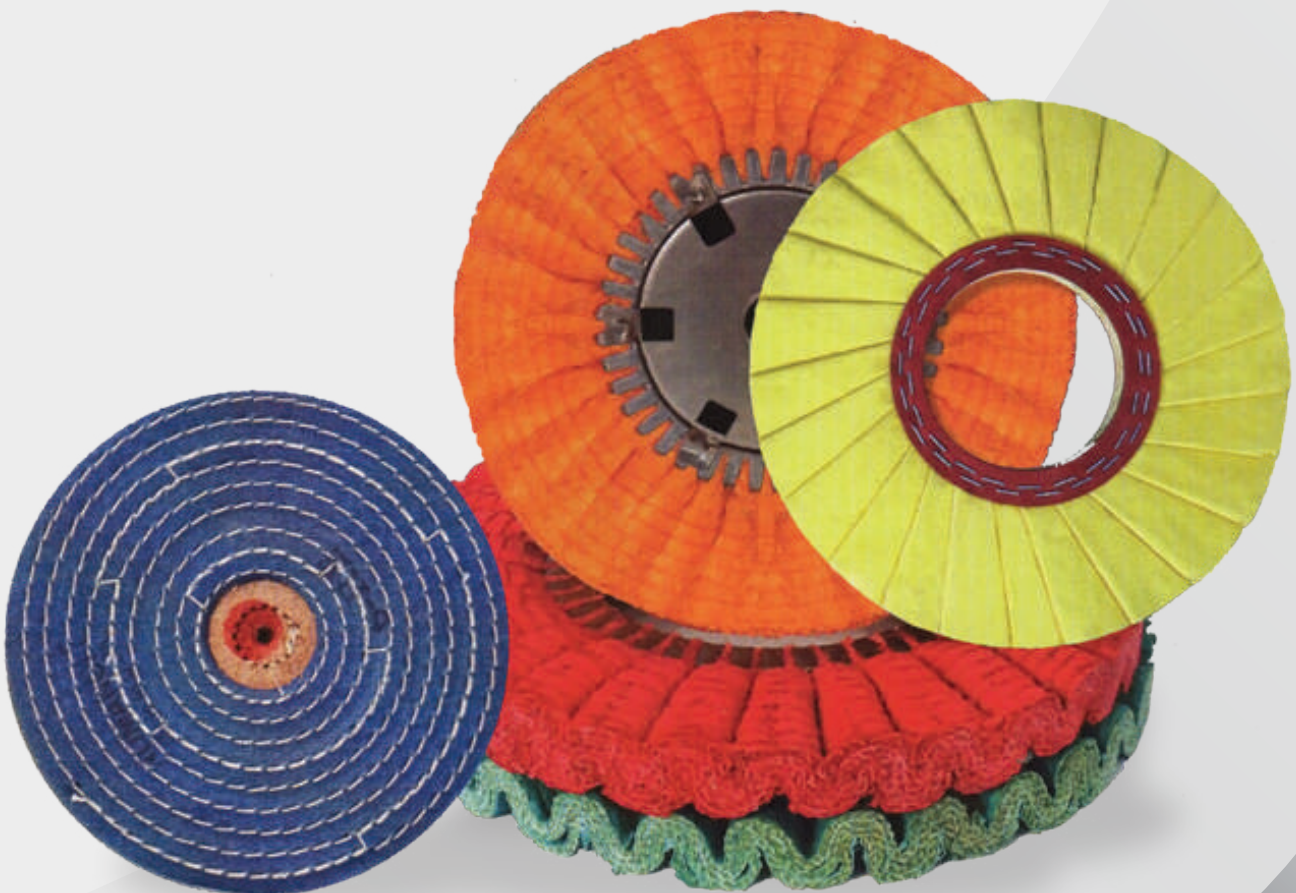
● Orange

● Red

● Green

● Yellow

● Blue



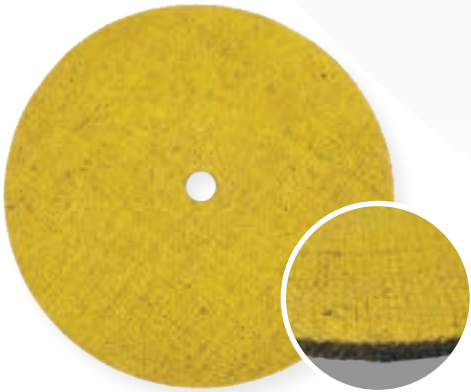
Sisal

Especially designed for sharp cutting/roughing operation.

Suitable use for fast cutting of aluminium pots and pans, steel, stainless steel, iron, chrome

DISC BUFF

Sisal Disc Buff



Most Common Size Range:



Outer Diameter
2.5" - 22"



Inner Diameter
10" - 32 mm



Hole Type
Hexagonal/Circle

Used For:



BIAS BUFF

Sisal Open Bias Buff

Formulated for machines that run fast so they can not provide air and reduce heat in the engine.



Most Common Size Range:



Outer Diameter
3" - 20"



Inner Diameter
3" - 7"



Hole Size
24 - 32 mm



Hole Type
Hexagonal/Circle



Layer
2, 4, 6, 8 ply

Used For:





Sisal Pleated Bias Buff



Most Common Size Range:



Outer Diameter
8" - 20"



Inner Diameter
3" - 9"



Hole Size
24 - 32 mm



Hole Type
Hexagonal/Circle



Thickness
15 - 50 mm

Used For:



Sisal Wave Bias Buff

It is recommended when it is necessary to work with a single wheels which does not open out (example: pots edges)



Most Common Size Range:



Outer Diameter
16" - 20"



Inner Diameter
1.5" - 7"



Hole Size
19 - 32 mm



Hole Type
Hexagonal/Circle



Thickness
10 - 25 mm

Used For:



Sisal Rope Bias Buff



This type of product also can be used for polish and bright finish shaped.

Most Common Size Range:



Outer Diameter
5" - 20"



Inner Diameter
3" - 9"



Hole Size
24 - 32 mm



Hole Type
Hexagonal/Circle



Thickness
15 - 50 mm

Used For:



CORD BUFF

Sisal Cord Buff Round Surface



This type of product also can be used for pre-polishing and polishing processes.

Most Common Size Range:



Outer Diameter
3" - 6"



Hole Size
19 - 24 mm



Thickness
10 - 50 mm



Hole Type
Hexagonal/Circle

Used For:



Sisal Cord Buff Flat Surface



This type of product also can be used for pre-polishing and polishing processes.

Most Common Size Range:



Outer Diameter
3" - 6"



Hole Size
19 - 24 mm



Thickness
10 - 50 mm



Hole Type
Hexagonal/Circle

Used For:



Cotton

Suitable for steel, stainless steel for mirror finish result

Made by cotton, both natural or treated using specific resins.

DISC BUFF

Cotton Disc Buff



Applied for manual and automatic (big diameter) polish, bright & mirror finish result.

Most Common Size Range:



Outer Diameter
2" - 20"



Hole Size
10 - 32 mm



Thickness
10 - 70 mm



Hole Type
Hexagonal/Circle

Used For:



Cotton Spiral Sewed Disc Buff



Large diameter is usually used for robotic machines, while those with small diameter are used for manual and automatic ones.

Most Common Size Range:



Outer Diameter
2" - 20"



Hole Size
10 - 32 mm



Thickness
10 - 70 mm



Hole Type
Hexagonal/Circle

Used For:



VARIATION BUFF

Cotton Cross Buff

Placed crosswise, serves to shine polish results



Most Common Size Range:



Outer Diameter
3" - 5"



Hole Size
19 - 32 mm



Thickness
10 - 15 mm



Hole Type
Hexagonal/Circle

Used For:



Cotton Jewelry Buff

Used to polish jewelry to make it more sparkling



Most Common Size Range:



Outer Diameter
2.5" - 22"



Inner Diameter
10" - 32 mm



Hole Type
Hexagonal/Circle

Used For:



Cotton Razor-Edge Buff

Very tightly sewn in a circular shape so that it becomes a buff in a rigid shape



Most Common Size Range:



Outer Diameter
3" - 20"



Hole Size
10 - 32 mm



Thickness
10 - 70 mm



Hole Type
Hexagonal/Circle

Used For:



BIAS BUFF

Cotton Open Bias Buff

Suitable use for fast finishing of all metals, stainless steel, iron & chrome



Most Common Size Range:



Outer Diameter
3" - 20"



Inner Diameter
1.5" - 7"



Hole Size
19 - 32 mm



Hole Type
Hexagonal/Circle



Layer
8 - 10 ply

Used For:



Cotton Pleated Bias Buff

Suitable use for robotic polishing and bright finishing of shaped pieces in all metal and alloys



Most Common Size Range:



Outer Diameter
7" - 20"



Inner Diameter
3" - 7"



Hole Size
24 - 32 mm



Hole Type
Hexagonal/Circle

Used For:



Cotton Wave Bias Buff

Applied for manual & automatic (big diameter) polish, bright and mirror finish result



Most Common Size Range:



Outer Diameter
16" - 20"



Inner Diameter
3" - 7"



Hole Size
24 - 32 mm



Hole Type
Hexagonal/Circle

Used For:



CORD BUFF

Cotton Cord Buff Round Surface

Especially designed for finishing operation

Most Common Size Range:

Outer Diameter
3" - 7"Inner Diameter
1.5" - 7"Hole Size
19 - 32 mmHole Type
Hexagonal/CircleLayer
8 - 10 ply

Used For:



Cotton Cord Buff Flat Surface

Especially designed for finishing operation

Most Common Size Range:

Outer Diameter
3" - 7"Inner Diameter
3" - 7"Hole Size
24 - 32 mmHole Type
Hexagonal/Circle

Used For:





Sisal & Cotton

Specifically made for excellent in cutting and at the same time it gives bright mirror finish result

DISC BUFF

Sisal & Cotton Spiral Sewed Disc Buff



Suitable use for fast cutting of all metals, stainless steel, iron & chrome

Most Common Size Range:



Outer Diameter
2.5" - 22"



Inner Diameter
10" - 32 mm



Hole Type
Hexagonal/Circle

Used For:



BIAS BUFF

Sisal & Cotton Open Bias Buff



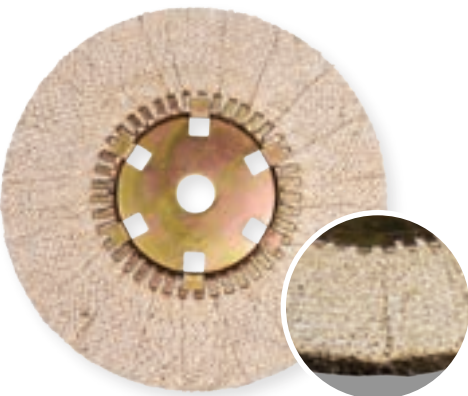
Most Common Size Range:

Outer Diameter
3" - 16"Inner Diameter
1.6" - 7"Hole Size
24 - 32 mmHole Type
Hexagonal/CircleLayer
4 - 10 ply

Used For:



Sisal & Cotton Pleated Bias Buff



For heavy roughing work, to the gift removal rate. The Buff can be impregnated, for longer life and higher cutting power

Most Common Size Range:

Outer Diameter
8" - 16"Inner Diameter
3" - 7"Hole Size
24 - 32 mmHole Type
Hexagonal/Circle

Used For:



Sisal & Cotton Wave Bias Buff



The cloth corugation has been realized to get a strong agressive effect without overheating the work piece

Most Common Size Range:

Outer Diameter
8" - 16"Inner Diameter
3" - 7"Hole Size
24 - 32 mmHole Type
Hexagonal/Circle

Used For:



Sisal & Cotton Finger Bias Buff



Made from sisal that is stacked with cotton on the top and bottom, Then cut into shapes like fingers.

Most Common Size Range:



Outer Diameter
12" - 16"



Hole Size
19 - 32 mm



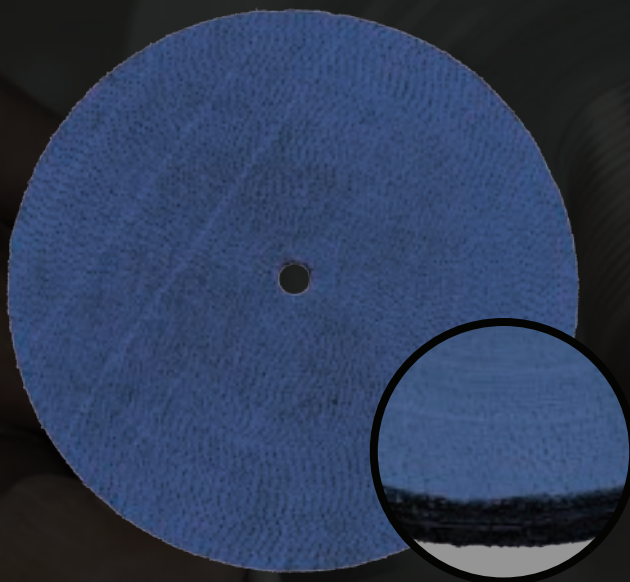
Inner Diameter
3" - 7"



Hole Type
Hexagonal/Circle

Jeans

Applicable for cutting, usually combined with emery powder for hard cutting finish. Suitable for stainless steel, chrome, iron & aluminium



Jeans Disc Buff

Most Common Size Range:



Outer Diameter
2" - 16"



Inner Diameter
10 - 32 mm



Hole Type
Hexagonal/Circle

Used For:



Flannel

Applicable for woods with glossy finish result.

Available for manual and automatic machinery operation respectively.

DISC BUFF

Cotton Flannel Disc Buff



Most Common Size Range:



Outer Diameter
3" - 20"



Inner Diameter
10" - 32 mm



Hole Type
Hexagonal/Circle



Layer
4 - 16 ply

Used For:



BIAS BUFF

Cotton Flannel Bias Buff



Formulated for machines that run fast so they cannot provide air & reduce heat in the engine

Most Common Size Range:



Outer Diameter
5" - 20"



Inner Diameter
10" - 32 mm



Hole Type
Hexagonal/Circle



Layer
4 - 16 ply

Used For:



Scotch Brite

Manufactured from flexible cushion of non-woven, aluminium oxide or silicon carbide impregnated nylon.

DISC BUFF

Scotch Brite Disc Buff



Most Common Size Range:



Outer Diameter
2" - 8"



Inner Diameter
1.5" - 9"



Hole Size
19 - 32 mm



Hole Type
Hexagonal/Circle



Layer
4 - 8 ply
2 - 8 ply

Used For:



BIAS BUFF

Scotch Brite Open Bias Buff



Most Common Size Range:



Outer Diameter
2" - 8"



Inner Diameter
1.5" - 9"



Hole Size
19 - 32 mm



Hole Type
Hexagonal/Circle



Layer
4 - 8 ply
2 - 8 ply

Used For:





Fitting Plate

Used to placed in the middle of buff polishes according to needs and request. Customizable according to customer requirement.

Product Variant



Metal Ring Plate



Material
Mild Metal



Size
3.2" - 9"



Shape
Hexagonal/Circle

Cardboards Ring Plate



Material
Cardboard



Size
Ø 10 cm Ø 15 cm



Shape
Circle only



Cord Ring Plate



Material
Plastic



Size
Ø 19 mm



Shape
Hexagonal only



Polishing Compound

Made from wax substance which has difference abrasive powder added to it. Each type of compound will produce different results, and a specific function.

Product Variant



Green Waxsteel

Can be used for finishing process to get brighter result.

Used For:



White Waxsteel

Can be used with sisal buff or cotton buff for second step or the final step of polishing process, depends on the brightness level of the goods you want. It will get light scratches and glossy results.

Used For:





Red Waxsteel

Can be used with sisal buff or jean buff for the first step of the polishing process (Heavy scratches).

Used For:



Liquid Compound

For automatic line polishing machine.

Used For:





PT. CAHAYA POLES MULIA

Office:

Tropodo II 20
Waru, Sidoarjo

WWW.CAHAYAPOLES.COM

Marketing@cahayapoles.com

Office : +6231 9990 0148

Marketing 1 : +62851 0014 0273

Marketing 2 : +62812 4971 3577

Export Department : +62812 4971 3578

Factory:

Nganjuk