Triple H Technology

South Africa's Leading Manufacturer of Road Construction Brushware

Brochure 2026



www.triple-h.co.za

063 019 3068 | info@triple-h.co.za

7 Delfos Road, Alrode South, Alberton,
Gauteng, South Africa, 1451

Triple H Technology

Engineered for Better Sweeping

Triple H Technology, a fourth-generation Swiss-German family-run business with a rich heritage in brush manufacturing.

WHAT SETS US APART AS THE TOP CHOICE?

Engineered for Better Sweeping represents our approach: applying technical knowledge and practical experience to develop and supply brush solutions that deliver consistent, efficient sweeping performance. At Triple H Technology, we leverage cutting-edge technology and advanced manufacturing processes to deliver precision-engineered brushes that set new standards in quality, performance and reliability.

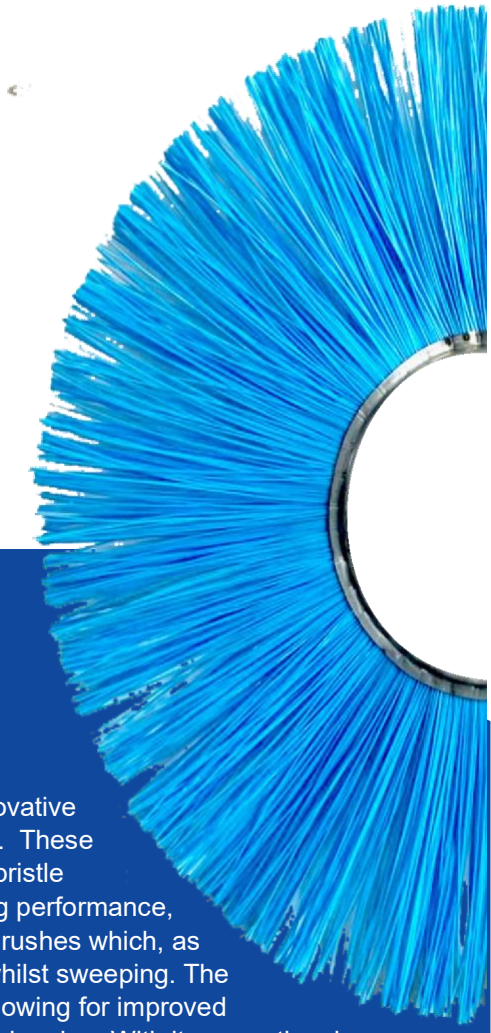
It’s not simply about making a brush, it’s about understanding how the brush

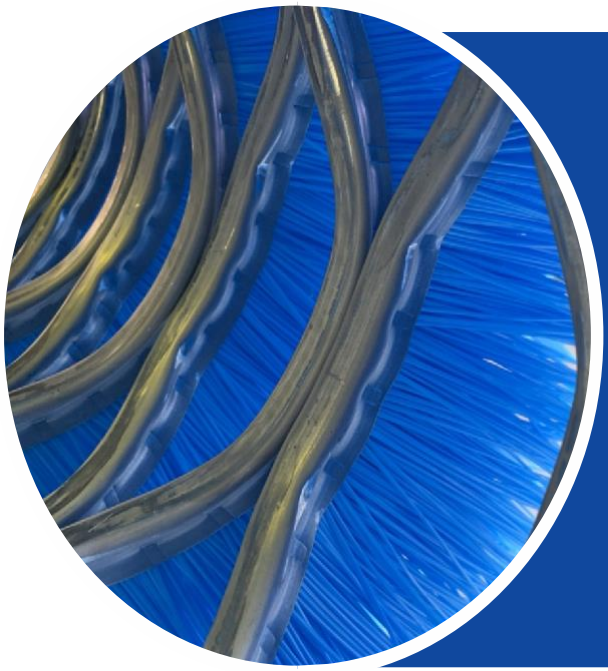
WHAT MACHINES DO WE SUPPLY?

Athey, Balderson (Caterpillar), Bell, Blue Diamond, Bobcat, Branco, Broce, Caterpillar, Case, Elgin Eagle, Elgin Pelican, Edge, Erskine, Exmark, FMC, FFC, JCB, John Deere, Johnston, Kubota, Lay-Mor, MacNay, MB, McCulloch, MB New, New Holland, Quick Attach, Quick Sweep Power, Rosco, Shawnee, Sweepster, Terramite, Ventral, Virnig, Waldon Sweep Master, Waldon Versa Sweep, W/H Allmand, York Rakes and various other manufacturers

Flat and Convoluted Segment Sweeping

We pride ourselves on engineering perfection, and our Flat Segment Sweeping Brushes exemplify this commitment. Poly is the most popular type of Segment Bristle and is considered the standard. Triple H Technologies poly bristle has an elevated level of flick as well as rigidity which allows for great performance, long life for better brushing and wearing capabilities. Designed with meticulous attention, these brushes deliver exceptional sweeping performance that surpasses expectations. With their flat surface and densely packed bristles, our Flat Segment Sweeping Brushes are expertly crafted to achieve efficient collection and removal of debris, dust, and dirt.





Waved/Convoluted Sweeping Brushes

In addition to our Flat Segment Sweeping Brushes, we offer our innovative Waved Segment Sweeping Brushes. These brushes feature a unique wave-like bristle pattern that enhances their sweeping performance, unlike the Flat Segment Sweeping Brushes which, as they wear leave lines and grooves whilst sweeping. The waves create increased agitation, allowing for improved debris collection and more effective cleaning. With its exceptional capabilities, our Waved Segment Sweeping Brushes are the perfect choice for tackling stubborn and large debris particles.

SEGMENT ROAD BRUSHES SPACERS

We manufacture a wide variety of widths and sizes in our spacer range, to meet the needs of our customers.



PRODUCTION CAPACITY

With a production capacity of 2000 brushes a day, Triple H Technology ensures that our stock is readily available. This means you can count on us to meet your demands promptly and keep your projects on track.

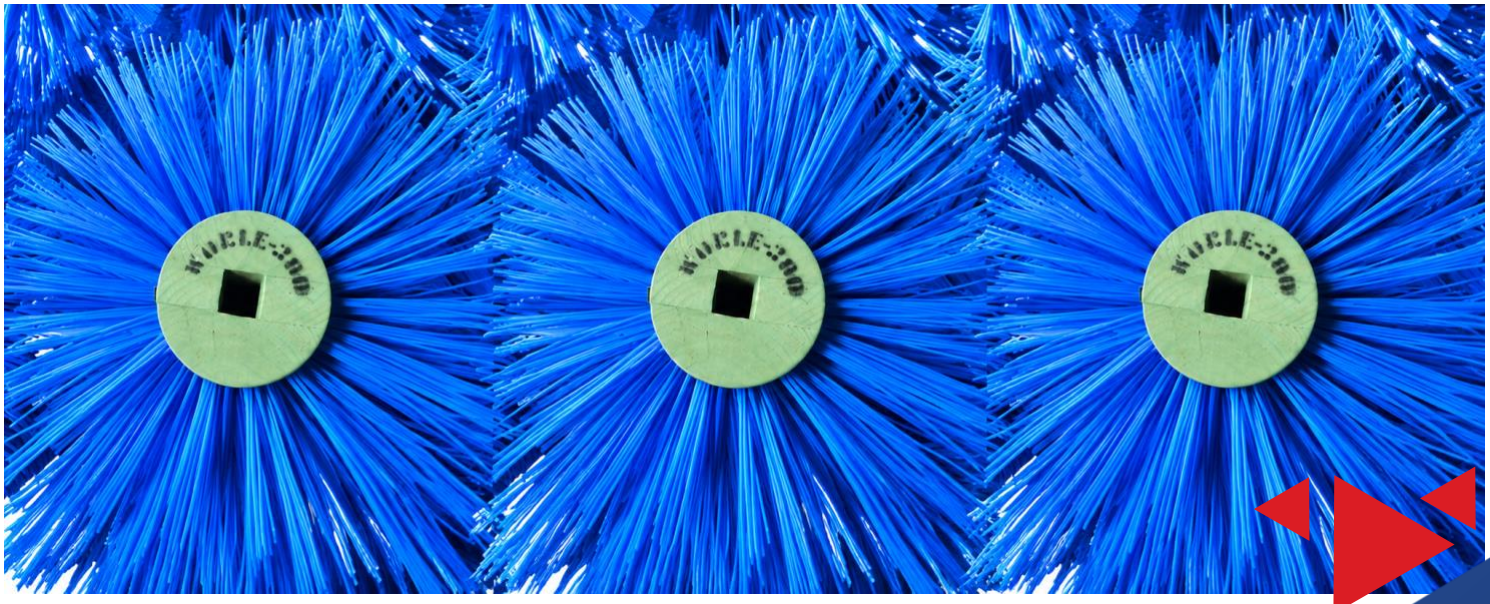
Wooden Core Broom Segment Brush

Our wooden core brushes or broom segments are specifically designed for road sweeping applications, including use in wet and damp environments. The broom segments are treated with a specialised protective treatment to help resist moisture penetration and delay water-related deterioration, extending the service life of the brush.



Our wooden core block brushes feature a light weight, straightforward, durable design, with polypropylene bristles permanently secured into a treated wooden core. Designed as a replaceable, single-use product, the entire broom segment can be removed and replaced once worn, eliminating the need for re-bristling.

This practical approach offers a cost-effective solution for road-sweeping, industrial and construction cleaning applications. By simplifying brush replacement, it reduces the logistical challenges associated with re-bristling and helps minimise downtime caused by supplier backlogs.



Trommel Shaft Brush Solution

Triple H Technology is modernising traditional wooden core broom block brushes with an innovative steel-shaft system using replaceable poly segment brushes. Our existing poly segments slide directly onto the steel shaft, providing a practical alternative to replacing complete wooden-core brush assemblies.

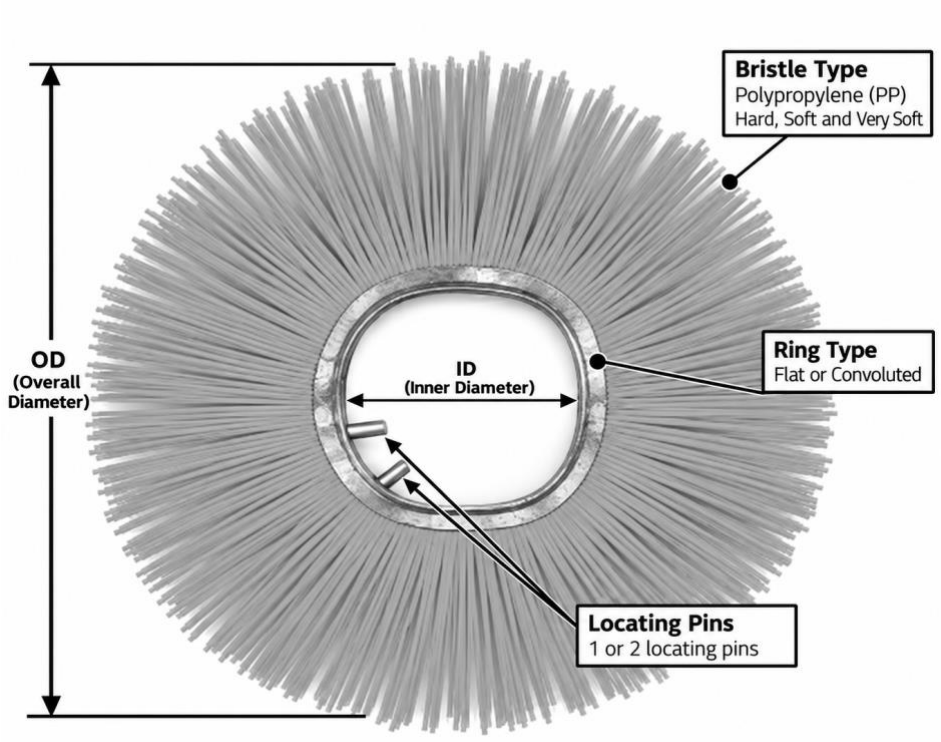


This design simplifies brush replacement, reduces the need to transport replacement blocks and offers a more convenient and modular solution. Triple H supplies both complete assemblies, comprising a powder-coated steel shaft and poly segment brushes, and replacement poly segments separately, allowing customers to replace worn brushes while retaining their existing shaft. Sizes of the segment brushes and shaft vary.



For non-standard brushes, we design and manufacture custom solutions to meet your specific requirements, including inner diameter and outer diameter specification

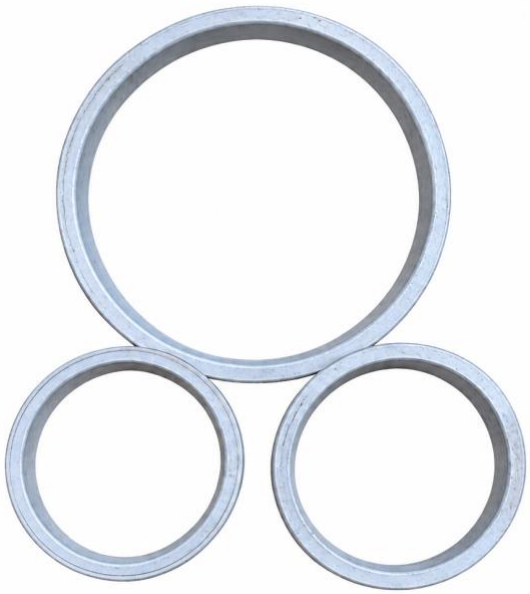
Flat and Convoluted Poly Segment Brushes			
Type	**ID (mm)**	**OD (mm)**	**Bristle**
Flat	110	300-600	Hard, Soft, Very Soft
Flat and convoluted	127/130	400-560	Hard, Soft, Very Soft
Flat and convoluted	162/165	550-610	Hard, Soft, Very Soft
Flat	175	550-700	Hard, Soft, Very Soft
Flat and convoluted	180	550-650	Hard, Soft, Very Soft
Flat and convoluted	205	550-600	Hard, Soft, Very Soft
Flat and convoluted	208	550-660	Hard, Soft, Very Soft
Flat and convoluted	220/222	550-920	Hard, Soft, Very Soft
Flat and convoluted	255	620 -660	Hard, Soft, Very Soft
Flat and convoluted	255	800-815	Hard, Soft, Very Soft
Dished	255	1010	Hard, Soft, Very Soft
Flat	450	1010	Hard, Soft, Very Soft

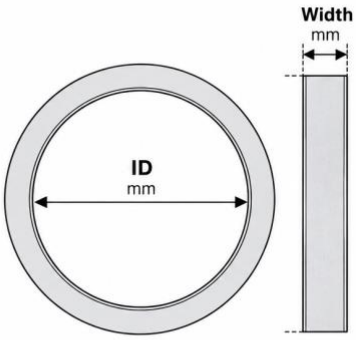


Standard Sizes We Offer For Section Spacers

For non-standard spacers, we design and manufacture custom solutions to meet your specific requirements.

Spacers		
Type	**Diameter (mm)**	**Width (mm)**
Spacer	110	20-30
Spacer	127/130	20-30
Spacer	162/165	20-30
Spacer	175	20-30
Spacer	180	20-30
Spacer	205	20-30
Spacer	208	20-30
Spacer	220/222	20-30
Spacer	255	20-30
Spacer	450	20-30

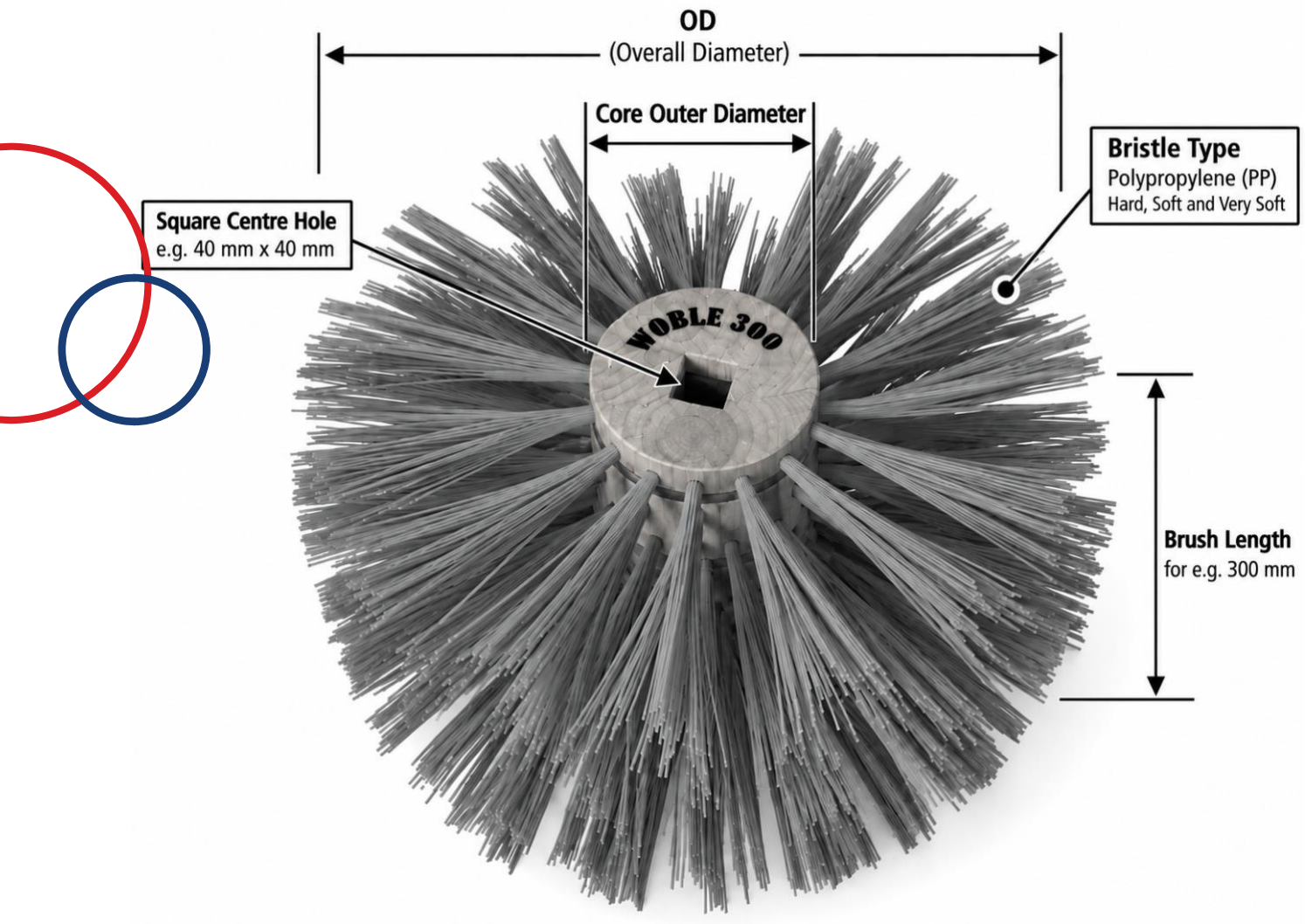




Standard Sizes We Offer For Wooden Core Broom Segment Brushes

For non-standard sizes, we design and manufacture custom solutions to meet your specific requirements.

Wooden Core Block Brushes			
Inner Hole	**Length (mm)**	**OD (mm)**	**Bristle**
40	150-300	250-850	Hard, Soft, Very Soft
50	150-300	250-850	Hard, Soft, Very Soft



Standard Sizes for Trommel Shaft Brushes

For non-standard sizes, we design and manufacture custom solutions to meet your specific requirements.

Trommel Brush Shaft				
Type	**Length (mm)**	**OD (mm)**	**Centre Hole (mm)**	**Bristle**
Trommel Shaft Brush	300 - 2400	300 - 1000	30-60	Hard, Soft, Very Soft



