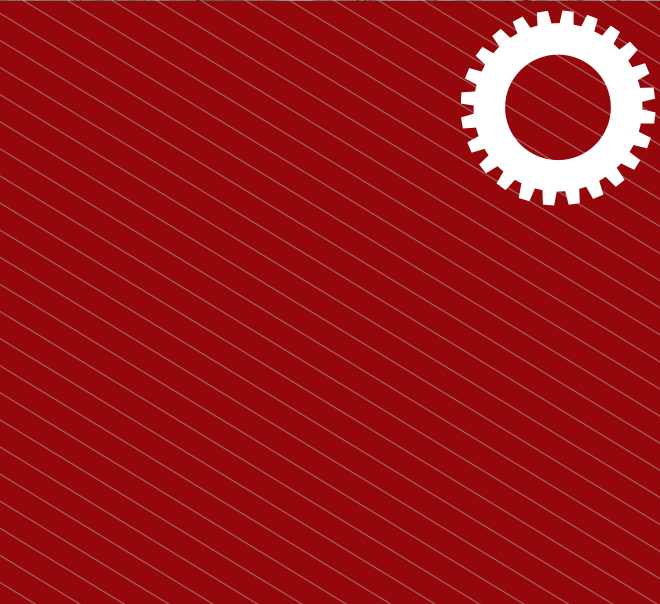




COMESTM



**UNIVERSAL
<<HEADS**



STORM 3

A geared polishing head with 3 orbital arms



A geared polishing head with 3 orbital arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles.

The **STORM-3** head is a favourite with those manufacturers who use small, single-head machines. It is a high quality but lightweight head that does not need much power. Such head is one of a kind, as it has an exclusive inner elastic coupling that follows the shape of the material while it is being processed.

With such sequential transmission gears, the head delivers excellent results in terms of polish and reliability.

data sheet

Abrasive Holders	N. 3
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	500 rpm
Weight	36 Kg
Lubricant	1.7 Kg
Minimum Power	4 kW
Maximum Power	5.5 kW
Standard Diameter	320 mm

STORM 5

A geared polishing head with 5 orbital arms



A geared polishing head with 5 orbital arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles.

The **STORM-5** head is perfect for slab or tile manufacturers who have a short-pitch polishing machine or a low-power single-head machine.

Such head is one of a kind, as it has an exclusive inner elastic coupling that follows the shape of the material while it is being processed.

With such sequential transmission gears, the head delivers excellent results in terms of polish and reliability.

data sheet

Abrasive Holders	N. 5
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	600 rpm
Weight	75 Kg
Lubricant	5 Kg
Minimum Power	7.5 kW
Maximum Power	15 kW
Standard Diameter	410 mm
Increased Diameter	470 mm

STORM 7

A geared polishing head with 7 orbital arms



A geared polishing head with 7 orbital arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles.

The **STORM-7** head serves the same purposes as the HTS-6 and is one of the many assets that CO.ME.S. can provide to meet the customers' requirements.

Such head is one of a kind, as it has an exclusive inner elastic coupling that follows the shape of the material while it is being processed.

With such sequential transmission gears, the head delivers excellent results in terms of polish and reliability.

data sheet

Abrasive Holders	N. 7
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	700 rpm
Weight	96 Kg
Lubricant	6.8 Kg
Power	15 kW
Standard Diameter	460 mm
Increased Diameter	510 – 540 mm



HTS - 6 / V12

The feather in the crown of CO.ME.S.'s polishing heads.

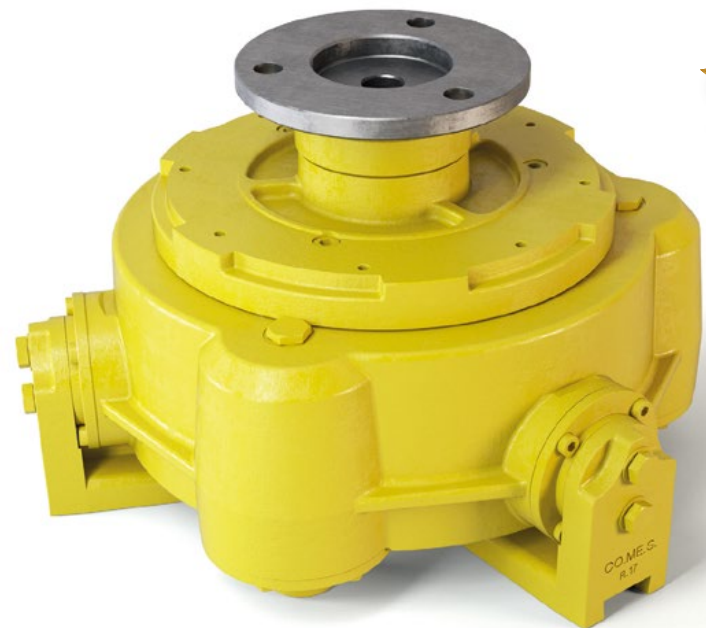
The HTS-6 is a geared polishing head with 6 orbital arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles.

The HTS-6 head is the one most widely used across the world because it is fit for any surface and adaptable to any commercial machine.

Such head is one of a kind, as it has an exclusive inner elastic coupling that follows the shape of the material while it is being processed.

With such sequential transmission gears, the head delivers excellent results in terms of polish and reliability.

data sheet	
Abrasive Holders	N. 6
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	700 rpm
Weight	95 Kg
Lubricant	6.8 Kg
Power	15 kW
Standard Diameter	460 mm
Increased Diameter	510 – 540 - 690 mm



MIX

This head is EXCLUSIVELY MANUFACTURED by CO.ME.S.

This head is exclusively manufactured by CO.ME.S., and has revolutionised the mechanics of polishing heads, since it has 3 satellites and 3 orbital arms that work on a surface all at the same time.

The MIX head is much sought after by those customers who have polishing machines with few heads and have to level and polish surfaces. The 3 arms remove the marks left by the 3 satellites, which can be quite aggressive on the material. Such process makes work easier for the orbital heads that come after the MIX ones, and in this way fewer heads need to be installed on the machine or the performance of the machine can be improved.

data sheet	
Abrasive Holders	N. 3
Tools Holders	N. 3
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	500 rpm
Weight	93 Kg
Lubricant	6.5 Kg
Maximum Power	15 kW
Standard Diameter	460 mm
Increased Diameter	510 – 540 mm

HTS – 8 / V12

A geared polishing head with 8 orbital arms



A geared polishing head with 8 orbital arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles.

The HTS-8 head is very handy as a finishing device for polishing heads, since its 8 arms add deep shine to the material. In addition, the diameter is the same as the one of the 6-arm head, so it can be used as a replacement without having to make any adjustment. Such head is one of a kind, as it has an exclusive inner elastic coupling that follows the shape of the material while it is being processed.

With such sequential transmission gears, the head delivers excellent results in terms of polish and reliability.

data sheet	
Abrasive Holders	N. 8
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	700 rpm
Weight	99 Kg
Lubricant	6.8 Kg
Power	15 kW
Standard Diameter	460 mm
Increased Diameter	510 – 540 mm

RG - 6

RG-6 is a paddle polishing head with a swinging motion



RG-6 is a paddle polishing head with a swinging motion that is operated by a mechanical cam.

The head consists of 6 paddle arms that can be used to hone and polish granite, stoneware, ceramic and quartz tiles. The RG-6 head is widely used around the world for its resistance; in addition, it is fit for any surface and adaptable to any commercial machine. The RG6 head is made differently from any other head, with safety guards split along the centreline, offering easier installation and, most importantly, quicker servicing.

data sheet	
Abrasive Holders	N. 6
Minimum Speed Rotation	400 rpm
Maximum Speed Rotation	700 rpm
Weight	95 Kg
Lubricant	6.8 Kg
Power	15 kW
Standard Diameter	460 mm
Increased Diameter	510 – 540 - 690 mm

DAMP - 5 / 6

Satellite heads with 5 or 6 satellite tools



Satellite heads with 5 or 6 satellite tools that can be used to level and polish granite, stoneware, ceramic and quartz slabs.

Satellite heads are used as the first or second device in polishing machines to level and even out the material right at the start. In this way, the orbital heads that come just after them can deliver a better polish, making the process more efficient.

data sheet	DAMP - 5	DAMP - 6
Tools holders	N. 5	N. 6
Weight	89 kg	96 kg
Lubricant	9 Kg	
Minimum speed rotation	400 rpm	
Maximum speed rotation	500 rpm	
Minimum power	7.5 kW	
Maximum power	15 kW	
Standard diameter	460 mm	

TEC - 6

A high-performance sizing/polishing



A high-performance sizing/polishing head with 6 tapered diamond tools, which is ideal to calibrate granite, stoneware, ceramic and quartz tiles.

Because of its compact size and strength, the **TEC-6** head is ideal to calibrate materials; its specialty is that it can be adapted to any commercial calibrating or honing machine.

Its tapered shape keeps the cutting speed even, as a function of diameter, all over the diamond tool.

data sheet	
Roller Tools Holders	N. 7
Speed Rotation	450 rpm
Minimum Power Required	15 kW
Weight	160 Kg
Lubricant	5 Kg
External Diameter	445 mm
Internal Working Diameter	240 mm

PLANA - 5

A calibrating head with 5 cylindrical rolls



A calibrating head with 5 cylindrical rolls that can be used to calibrate granite, stoneware, ceramic and quartz tiles.

One of COMES's best-ever products, the **PLANA-5** head is very strong, since its body is made of a bronze alloy that cannot be attacked by chemicals over time. It stands out for having both an inside and outside tool bracket, with oversize bearings. Such unique feature prevents the diamond tool being bent out of shape while it works. The **PLANA** is mainly installed in calibrating machines and is excellent at removing material.

data sheet	
Roller tools holders	N. 5
Speed rotation power	800 rpm @ 30 kW
Speed rotation power	600 rpm @ 15 kW
Weight	220 Kg
Lubricant	7 Kg
External diameter	530 mm
Internal working diameter	250 mm
Roller tool diameter	180 mm

CO.ME.S.
to you

