

# **Horizontal Sanders/Polishers**

## **Section Contents**

SANDERS (Sin Page Number	gle Planetary Ge Model Number	e <b>ar Train)</b> Power	Rated Operating Speed	Description			
	400HGE3M		5500 R.P.M.		سا		
43	400HGE5M		4000 R.P.M.	<ul><li>Non-Governed Motor</li><li>Collet Output</li></ul>			
	400HGE8M		2500 R.P.M.	oonor output			
	400GT3M		5500 R.P.M.				
44	400GT5M	1.2 H.P.	4000 R.P.M.	<ul><li>Non-Governed Motor</li><li>Threaded or Adapter Output</li></ul>			
	400GT8M		2500 R.P.M.	Throadou of Adaptor Output			
	400GH3M		5500 R.P.M.		Jay .		
42	400GH5M		4000 R.P.M.	<ul><li>Non-Governed Motor</li><li>Collet, Threaded or Adapter Output</li></ul>			
	400GH8M		2500 R.P.M.	Solist, Misdada of Adaptor Sutput			
	500H1M	1.5 H.P.	4000 R.P.M.	<ul><li>Non-Governed Motor</li><li>Threaded or Adapter Output</li></ul>			
45	507H1M		1750 - 3600 R.P.M.				
	520H1M	2.0 H.P.	1500 - 3000 R.P.M.	<ul><li>Governed Motor</li><li>Threaded or Adapter Output</li></ul>			
BUFFERS & P	OLISHERS (Doubl Model Number	l <b>e Planetary</b> Power	Gear Train) Rated Operating Speed	Description			
raye Nullibel	400HGE21M	ruwei	900 R.P.M.		H		
43	400HGE36M		525 R.P.M.	<ul><li>Non-Governed Motor</li><li>Collet Output</li></ul>			
	400FGE30W		900 R.P.M.		<u></u>		
44	400GT21WI	1.2 H.P.	525 R.P.M.	<ul><li>Non-Governed Motor</li><li>Threaded or Adapter Output</li></ul>			
	400GH21M		900 R.P.M.				
42	400GH21W		525 R.P.M.	<ul><li>Non-Governed Motor</li><li>Collet, Threaded or Adapter Output</li></ul>			
	500H2M	1.5 H.P.	1000 R.P.M.	Non-Governed Motor     Threaded or Adapter Output			
45	507H2M	1.0 11.1 .	500 - 900 R.P.M.	·			
45	520H2M	2.0 H.P.	375 - 750 R.P.M.	<ul><li>Governed Motor</li><li>Threaded or Adapter Output</li></ul>			

#### **Handles**

Several different handle styles are offered on our vertical tools. The picture below shows each in detail.



\*Only Tools of 1.5 H.P. or Larger can Accept the Spade Style handle. Tools of 1.2 H.P. and Lower have Different Handle Options.

# **Lever Style**



# **Speed Size Selection**

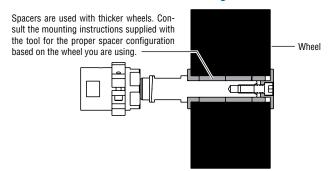
Each model offers various options listed in the Model Number Breakdown and in the chart with each product spread. The choices are based on the characteristics of each model. Please examine the speed size options to select the one that best matches the wheel size you are using.

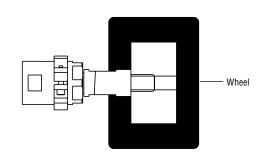
## **Mounting of Wheels**

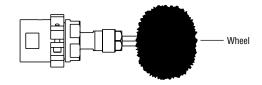
Each wheel type mounts onto the tool in a specific way. Please consult the diagrams below for details on how your particular wheel mounts onto the tool. More details on the mounting of wheels can be found in ANSI B186.1. Mounting wheels in ways other than those shown below are non-compliant and may lead to injury.

Proper Mounting of Flap and Surface Conditioning Wheels with a 1 Inch or 5/8 Inch Mounting Hole

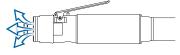
Proper Mounting of Inflatable and Expanding Wheels with a Threaded Mounting (1/2-13 or 5/8-11)



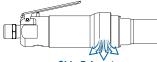




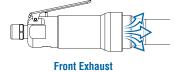
#### **Exhaust Direction**



Rear Exhaust (0.7 HP & 1.2 HP Tools Only)



Side Exhaust





## **Horizontal Sanders & Polishers**

525 R.P.M. to 5500 R.P.M. 1.2 H.P. (900 W)



\*The (X) is representative of gear train number (3, 5 or 8). The outer appearance of the tool is the same regardless of the gear train number.

This chart has been provided as a means to quickly identify a particular tool. The ordering

numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

T5/8 - 5/8-11

400GH3MT5/8

400GH5MT5/8

400GH8MT5/8

400GH21MT5/8

400GH36MT5/8

400GH3MS1 / 400GH5MS1 / 400GH8MS1\*

16.96 Inch (430.8 mm)

4.6 Lb. (2.1 Kg) Aluminum

5.2 Lb. (2.4 Kg) Steel

A safety lever throttle (class 2) is also available

**Output Type** 

S1 - 1 or 5/8 Inch

400GH3MS1

400GH5MS1

400GH8MS1

400GH21MS1

400GH36MS1

 $\Gamma_{1.44~ ext{lnch}}$  (36.6 mm)

35 cfm Max

(16.5 L/s)

Quick Order Number

**Rated Speed** 

5500 RPM

4000 RPM

2500 RPM

900 RPM

525 RPM

1.62 Inch (41.1 mm)

1.2 H.P.

(900 W)

Model Number

400GH3M

400GH5M

400GH8M

400GH21M

400GH36M

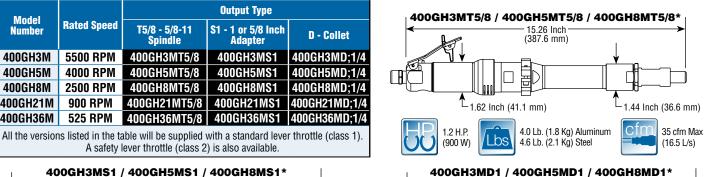
#### Air Inlet Size: 3/8" NPT (3/8" BSP Available) Hose Size Recommendations: 1/2" (13 mm) **Extra Charge Accessories**

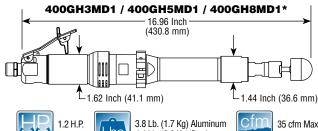
Safety Lever

#### Standard Equipment

- Tool Wheel Flange
- Wheel Nut Wrench
- · Operating Instructions and Service Manual











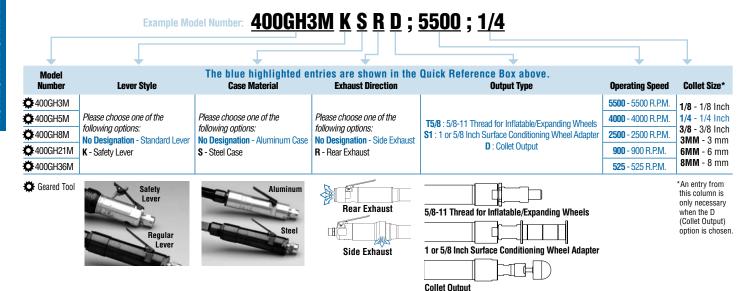
4.4 Lb. (2.0 Kg) Steel



35 cfm Max (16.5 L/s)

\*Versions 400GH21M & 400GH36M add 0.51 Inch (13.0mm) to the overall length. Rear exhaust adds 0.82 Inch (20.8mm) to overall length.

D - Collet





## **Horizontal Sanders & Polishers**

525 R.P.M. to 5500 R.P.M. 1.2 H.P. (900 W)



\*The (X) is representative of gear train number (3, 5 or 8). The outer appearance of the tool is the same regardless of the gear train number.

#### Air Inlet Size: 3/8" NPT (3/8" BSP Available) **Hose Size Recommendations: 1/2" (13 mm) Extra Charge Accessories**

· Safety Lever

#### **Standard Equipment**

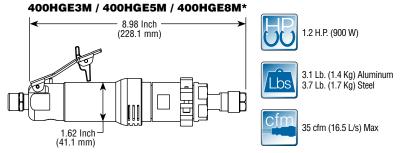
- Tool Wheel Flange
- · Wheel Nut · Wrench
- . Operating Instructions and Service Manual

#### **Quick Order Number** This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart. **Throttle Type** Collet **Model Number Rated Speed** Size **Standard Throttle Safety Throttle 400HGE3M** 5500 RPM 400HGE3M;1/4 400HGE3MK;1/4 400HGE5M 4000 RPM 400HGE5M;1/4 400HGE5MK;1/4

**400HGE8M** 1/4 Inch 2500 RPM 400HGE8MK;1/4 400HGE8M;1/4 400HGE21M 400HGE21M;1/4 | 400HGE21MK;1/4 900 RPM 400HGE36M **525 RPM** 400HGE36M:1/4 | 400HGE36MK:1/4 All the versions listed in the table will be supplied with a standard lever throttle (class 1).

A safety lever throttle (class 2) is also available.





\*Versions 400HGE21M & 400HGE36M add 0.51 Inch (13.0mm) to the overall length. Rear exhaust adds 0.82 Inch (20.8mm) to overall length.

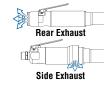
400HGE3M K S R; 5500; 1/4 **Example Model Number:** 

	<u> </u>	<b>—</b>	<del></del> +	<b>—</b>	<u> </u>
Model Number	T Lever Style	he blue highlighted entries Case Material	are shown in the Quick R Exhaust Direction	eference Box above. Operating Speed	Collet Size
400HGE3M				<b>5500</b> - 5500 R.P.M.	1/8 - 1/8 Inch
400HGE5M	Please choose one of the	Please choose one of the	Please choose one of the	<b>4000</b> - 4000 R.P.M.	<b>1/4</b> - 1/4 Inch
400HGE8M	following options: No Designation - Standard Lever	following options: No Designation - Aluminum Case	following options:  No Designation - Side Exhaust	<b>2500</b> - 2500 R.P.M.	3/8 - 3/8 Inch 3MM - 3 mm
400HGE21M		S - Steel Case	R - Rear Exhaust	<b>900</b> - 900 R.P.M.	6MM - 6 mm
400HGE36M				<b>525</b> - 525 R.P.M.	<b>8MM</b> - 8 mm

Geared Tool







WARNING: Follow all recommendations from component and abrasive manufacturers for speeds and proper usage.

## **Horizontal Sanders & Polishers**

525 R.P.M. to 5500 R.P.M. 1.2 H.P. (900 W)



\*The (X) is representative of gear train number (3, 5 or 8). The outer appearance of the tool is the same regardless of the gear train number.

#### Air Inlet Size: 3/8" NPT (3/8" BSP Available) Hose Size Recommendations: 1/2" (13 mm) **Extra Charge Accessories**

· Safety Lever

#### **Standard Equipment**

- Tool Wheel Flange
- · Wheel Nut · Wrench
- . Operating Instructions and Service Manual



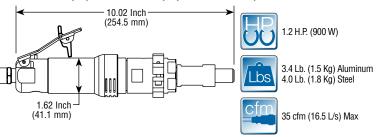
#### **Quick Order Number**

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

Model Number	Rated Speed	Output Type			
Model Number	nateu speeu	T5/8 - 5/8-11 Spindle	S1 - 1 or 5/8 Inch Adapter		
400GT3M	5500 RPM	400GT3MT5/8	400GT3MS1		
400GT5M	4000 RPM	400GT5MT5/8	400GT5MS1		
400GT8M	2500 RPM	400GT8MT5/8	400GT8MS1		
400GT21M	900 RPM	400GT21MT5/8	400GT21MS1		
400GT36M 525 RPM		400GT36MT5/8	400GT36MS1		

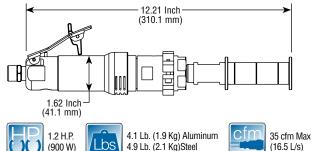
All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

#### 400GT3MT5/8 / 400GT5MT5/8 / 400GT8MT5/8\*



\*Versions 400GT21M & 400GT36M add 0.51 Inch (13.0mm) to the overall length. Rear exhaust adds 0.82 Inch (20.8mm) to overall length.

#### 400GT3MS1 / 400GT5MS1 / 400GT8MS1\*



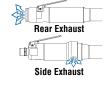
400GT3M K S R; T5/8; 5500

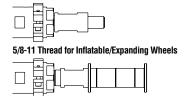
#### The blue highlighted entries are shown in the Quick Reference Box above. **Model Number Lever Style Case Material Exhaust Direction Operating Speed** 400GT3M 5500 - 5500 R.P.M. Please choose one of the Please choose one of the Please choose one of the 400GT5M 4000 - 4000 R.P.M. followina options: following options. following options: T5/8 - 5/8-11 Thread for Inflatable/Expanding Wheels **☼** 400GT8M 2500 - 2500 R.P.M. No Designation - Standard Lever No Designation - Aluminum Case No Designation - Side Exhaust \$1 - 1 or 5/8 Inch Surface Conditioning Wheel Adapter 400GT21M 900 - 900 R.P.M. K - Safety Lever S - Steel Case R - Rear Exhaust **4**00GT36M 525 - 525 R.P.M.

Geared Tool









1 or 5/8 Inch Surface Conditioning Wheel Adapter

# HORIZONTAL SANDERS/POLISHERS

## **Horizontal Sanders & Polishers**



#### **Quick Order Number**

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

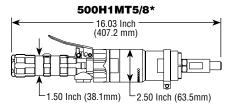
Model	Rated	Output Type			
Number	Speed	T5/8 - 5/8-11 Spindle	S1 - 1 or 5/8 Inch Adapter		
500H1M	4000 RPM	500H1MT5/8	500H1MS1		
500H2M	1000 RPM	500H2MT5/8	500H2MS1		

#### Air Inlet Size: 1/2" NPT (1/2" BSP Available) **Hose Size Recommendations: 1/2" (13 mm) Extra Charge Accessories**

· Safety Lever

#### **Standard Equipment**

- Tool Wheel Flange Wheel Nut Wrench
- Operating Instructions and Service Manual
- Side Handle





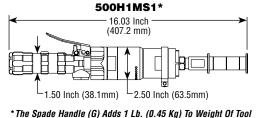
1.5 H.P. (1500 W)



(2.9 Kg)35 cfm Max



(16.5 L/s)



520H1MS1\*\*

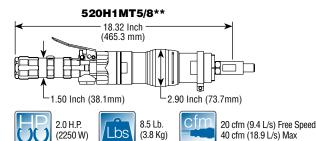
20.52 Inch

1.5 H.P. (1500 W)

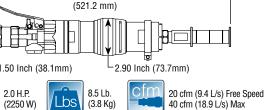


6.5 Lb. (2.9 Kg)

35 cfm Max (16.5 L/s)



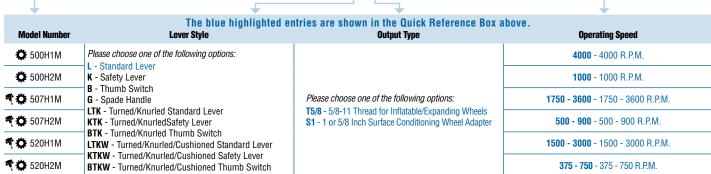




20HP (2250 W) (3.8 Kg)

\*\* The 520H2 double planetary geared tools adds 2.15 Inch (54.6mm) to overall length. The Spade Handle (G) Adds 1 Lb. (0.45 Kg) To Weight Of Tool

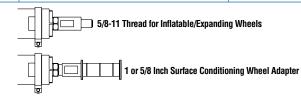
500H1M K S1; 4000 **Example Model Number:** 



Geared Tool

TGOVERNOR CONTROLLED TOOL







# **Large Horizontal Grinders**

#### **Section Contents**

Page Number	Model Number	Power	Description	
47	5201H	2.0 H.P.	Horizontal Grinders for use with Larger (6 Inch - 8 Inch) Type 1 Wheels	Type 1 Wheel Circular Flap Wheels
47	56H	3.0 H.P.	Horizontal Grinders for use with Larger	
47	65H	4.0 H.P.	(6 Inch - 8 Inch) Type 1 Wheels	Surface Circular Wire Finishing Wheels Wheels
48	400GH	1.2 H.P.	Horizontal Grinders for use with 5/8-11 Cone Wheels	Type 16 Type 17
48	511H	1.5 H.P.	Horizontal Grinders for use with 5/8-11 Cone Wheels	Cone Wheel Cone Wheel
48	5201H	2.0 H.P.	Horizontal Grinders for use with 5/8-11 Cone Wheels	Type 17R Type 18 Cone Wheel Cone Wheel
48	56H	3.0 H.P.	Horizontal Grinders for use	
48	65H	4.0 H.P.	with 5/8-11 Cone Wheels	Type 18R Cone Wheel

#### **Handles**



Several different handle styles are offered on our horizontal tools. The picture above shows each in detail.

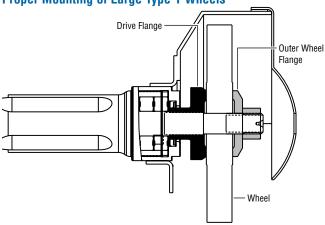
## **Speed/Guard Size Selection**

The operating speed and guard size are closely linked to promote safety and maximize efficiency of the grinding operation. Each model offers various options listed in the Model Number Breakdown and in the chart with each product spread. The choices are based on the characteristics of each model. Please examine the speed/guard size options to select the one that matches the wheel speed/size you are using.

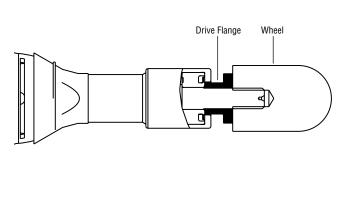
# **Mounting of Wheels**

Each wheel type mounts onto the tool in a specific way. Please consult the diagrams below for details on how your particular wheel mounts onto the tool. More details on the mounting of wheels can be found in ANSI B7.1 and ANSI B186. Mounting wheels in ways other than those shown below are non-compliant and may lead to injury.

### **Proper Mounting of Large Type 1 Wheels**



#### **Proper Mounting of 5/8-11 Cone Wheels**



# **Large Horizontal Grinders For Type 1 Wheels, Flap Wheels and Wire Wheels**

4" (100 mm) - 8" (200 mm) 2-4 H.P. (1500-3000 W)











Type 1 Wheel

Circular Flap Wheel

Surface Finishing Wheel

Air Inlet Size: 1/2" NPT Hose Size Recommendations: 1/2" (13 mm) **Extra Charge Accessories** 

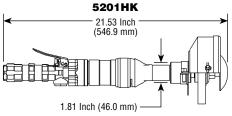
- +2" and +3" spindles for use with wire buffing wheels (56H & 65H Series Only)
- Cone Wheel Adapters
   Adapters for Surface Finishing Wheels
- Reinforced Guards (56H & 65H Series Only)

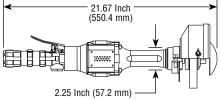
#### **Standard Equipment**

- Tool with Wheel Guard of Choice Wheel Flange Wheel Nut
- Wrench Operating Instructions and Service Manual

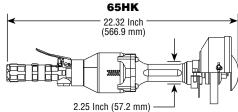
Quick Order Number							
Model Number	Guard Size	Maximum	Throttle Handle Type				
Model Number	uudi u 3126	Operating Speed	Standard	Safety	Spade		
5201H	6	8000 RPM	5201HL;601	5201HK;601	5201HG;601		
56H	6	OUUU NPIVI	56HL;601	56HK;601	56HG;601		
3011	8	6000 RPM	56HL;801	56HK;801	56HG;801		
65H	6	8000 RPM	65HL;601	65HK;601	65HG;601		
	8	6000 RPM	65HL;801	65HK;801	65HG;801		

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.





**56HK** 













25 cfm (11.8 L/s) Free Speed 60 cfm (28.3 L/s) Max





25 cfm (11.8 L/s) Free Speed 75 cfm (35.3 L/s) Max



11.7 Lb. (5.3 Kg)



12.9 Lb. (5.8 Kg)





#### The blue highlighted entries are shown in the Quick Reference Box above. **Lever Style Operating Speed/Gurard Size**

# ኛ 🗱 5201H

**Model Number** 

₹ 🌣 56H

🕈 🌣 65H

Please choose one of the following options:

- L Standard Lever
- K Safety Lever
- B Thumb Switch
- G Spade Handle

LTK - Turned/Knurled Standard Lever

KTK - Turned/KnurledSafety Lever

BTK - Turned/Knurled Thumb Switch

LTKW - Turned/Knurled/Cushioned Standard Lever KTKW - Turned/Knurled/Cushioned Safety Lever

BTKW - Turned/Knurled/Cushioned Thumb Switch

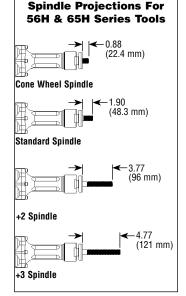
Please choose one of the following options:

12000;401 - 12000 R.P.M. with 4 Inch T1 Wheel Guard 6000;601 - 6000 R.P.M. with 6 Inch T1 Wheel Guard 8000;601 - 8000 R.P.M. with 6 Inch T1 Wheel Guard

Please choose one of the following options:

6000;601 - 6000 R.P.M. with 6 Inch T1 Wheel Guard 8000;601 - 8000 R.P.M. with 6 Inch T1 Wheel Guard 6000;801 - 6000 R.P.M. with 8 Inch T1 Wheel Guard

🛱 Geared Tool 🏻 🔻 Governor Controlled Tool



# **Large Horizontal Grinders For 5/8-11 Cone Wheels**













Air Inlet Size:

400GH: 3/8" NPT

511H, 5201HCW, 56HCW & 65HCW: 1/2" NPT Hose Size Recommendations: 1/2" (13 mm) Standard Equipment

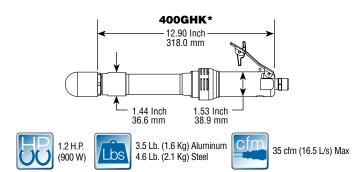
- Tool Wheel Nut Wrench
- Operating Instructions and Service Manual

#### **Quick Order Number**

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

Model Number	Maximum	Throttle Handle Type		
Model Number	Operating Speed	Standard	Safety	
400GH2*	20000 RPM	400GH2S	400GH2SK	
511H*	18000 RPM	511HLS	511HKS	
5201H*	12000 RPM	5201HLCW	5201HKCW	
56H	9000 RPM	56HLCW	56HKCW	
65H 8000 RPN		65HLCW	65HKCW	

\*The 400GH2 and 511H tools ordered under the numbers in this chart will be supplied with steel case material. Aluminum case material is available for these models. Please see the chart at the bottom of this page.



\*Rear exhaust adds 0.82 Inch (20.8mm) to overall length.

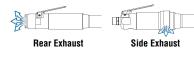
# Example Model Number: 400GH2 K S R; 20000

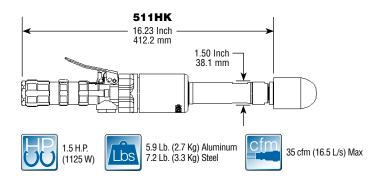
<b>+</b>	<b>—</b>		1	<b>+</b>
Model Number	The blue highlighted e Lever Style	ntries are shown in the Quick I Case Material	Reference Box above. Exhaust Direction	Operating Speed
400GH2	Please choose one of the following options: L - Standard Lever K - Safety Lever	Please choose one of the following options:  No Designation - Aluminum Case	Please choose one of the following options:  No Designation - Side Exhaust  R - Rear Exhaust	<b>20000</b> - 20000 R.P.M.
511H	Please choose one of the following options: L - Standard Lever	S - Steel Case		<b>18000</b> - 18000 R.P.M.
₹ 5201HCW	K - Safety Lever B - Thumb Switch G - Spade Handle LTK - Turned/Knurled Standard Lever	Steel	Side	Please choose one of the following options: 9000 - 9000 R.P.M. 12000 - 12000 R.P.M.
₹ 56HCW	KTK - Turned/KnurledSafety Lever BTK - Turned/Knurled Thumb Switch LTKW - Turned/Knurled/Cushioned Standard Lever	Aluminum		<b>9000</b> - 9000 R.P.M.
₹ 65HCW	KTKW - Turned/Knurled/Cushioned Safety Lever BTKW - Turned/Knurled/Cushioned Thumb Switch	Aluminum		8000 - 8000 R.P.M.

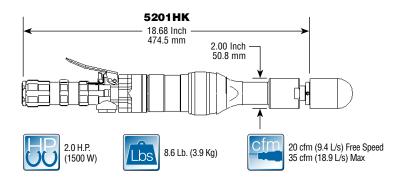
Governor Controlled Tool

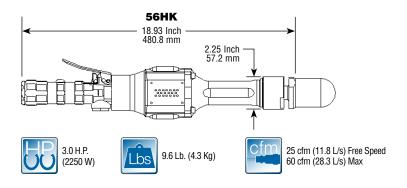


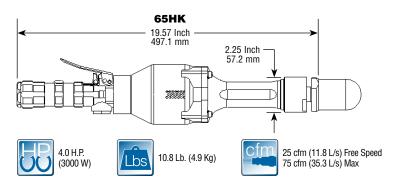














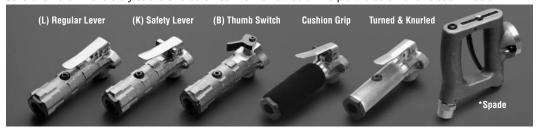
# **Small Horizontal Grinders**

## **Section Contents**

Page Number	Model Number	Power	Motor Style	Description	
52	400GH4	1.2 H.P.	Non-Governed	Horizontal Grinders for use with Smaller Type 1 Wheels	
52	407GH4	1.2 П.Г.	Governed	Type 1 Wheel Circular Flap	
52	51H	1.5 H.P.	Non-Governed	Wheel  Surface Circular Wire	
52	57H	1.0 11.11	Governed	Finishing Wheel Wheel	
54	400GH1	1.2 H.P.	Non-Governed	Horizontal Grinders for use with 3/8" Cone Wheels	
54	51HCW	1.5 H.P.	Non-Governed	Type 16 Type 17 Type 17R Type 18 Type 18R Cone Wheel Cone Wheel Cone Wheel Cone Wheel	
56	51H	1.5 11.1 .	Non-Governed	Horizontal Die Grinders with Fixed Size Collets	
56	250EH	0.4 H.P.	Non-Governed	Horizontal Die Grinders	
56	300EH			with Narrow Neck Mounted Stones	
56	300GHD	0.7 H.P.	Non-Governed		
56	400GHD	1.2 H.P.	Non-Governed	Horizontal Die Grinders with Insert Style Collets  Carbide Burrs	
56	5102H	1.5 H.P.	Non-Governed		

# **Handles**

Several different handle styles are offered on our horizontal tools. The picture below shows each in detail.



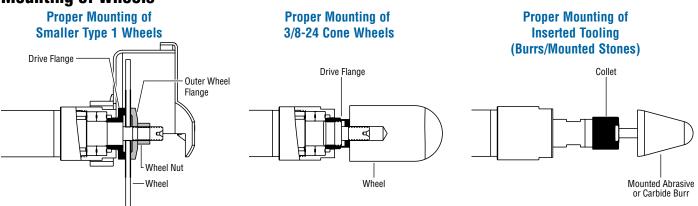
\*Only tools of 1.5 H.P. or larger can accept the spade style handle. Tools of 1.2 H.P. and lower have different handle options.

# **Lever Style**





## **Mounting of Wheels**



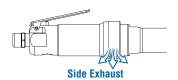


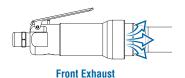
### **Case Material**

The choice of case material affects the weight and durability of the tool. By it's nature, aluminum is lighter in weight than steel. Steel is more durable in aggressive environments.

#### **Exhaust Direction**







## **Speed/Guard Size Selection**

The operating speed and guard size are closely linked to promote safety and maximize efficiency of the grinding operation. Each model offers various options listed in the Model Number Breakdown and in the chart with each product spread. The choices are based on the characteristics of each model. Please examine the speed/guard size options to select the one that matches the wheel speed/size you are using.



#### **Governed vs. Non-Governed Tools**

A governor on a tool will help to maintain a high level of torque at lower operating speeds. If your application requires a lower operating speed, then a governor may be to your benefit. Tools set to higher rated speeds will not benefit from the use of a governor. The following chart will act as a guide based on the operating speed required by your application.

	Speeds Normally Deemed for Surface Finishing Abrasives			4 Inch Type 1 Wheels	Speeds Nori	mally Deemed fo	r Burrs/Mour Wheels	nted Stones & S	mall Cut-off
R.P.M.	12000	13000	14000	15000	16000	17000	18000	19000	20000
1.2 H.P.		407GH					400GH		
1.5 H.P.		57H				51H			
Governed Tool Governor Rear Endplate				olate	Non	-Governed Tool	Rear Endpla	ate	



# Grinders For 3/8" I.D. Type 1 Wheels, Flap Wheels And Wire Wheels



Circular Wire Wheels	Cir







**Air Inlet Size:** 

400GH4 & 407GH4: 3/8" NPT

51H & 57H: 1/2" NPT

Hose Size Recommendations: 1/2" (13 mm)

#### **Extra Charge Accessories**

- Cone Wheel Adapters Heavy-Duty 2-pc. Collets
- Erickson Style Collets
   Safety Lever

#### **Standard Equipment**

- Tool Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

<b>Quick Order Number</b>							
Model	laterial						
Number	Size	Operating Speed	Aluminum	Steel			
400GH4	3 Inch	18000 RPM	400GH4;301	400GH4S;301			
407GH4	4 Inch	15000 RPM	407GH4;401	407GH4S;401			
51H	3 Inch	18000 RPM	51HL;301	51HLS;301			
57H	4 Inch	15000 RPM	57HL;401	57HLS;401			

All the versions listed in the table will be supplied with a standard lever throttle (class 1). A safety lever throttle (class 2) is also available.

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.

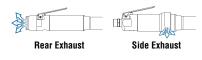
Example Model Number: 400GH4 K S R; 18000

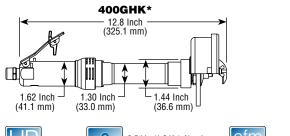
<b>*</b>	<b>★</b>	<b>*</b>	<b>*</b>	<b>*</b>
Model Number	The blue highlighted e Lever Style	ntries are shown in the Quick Case Material	Reference Box above. Exhaust Direction	Operating Speed
400GH4	Please choose one of the following options: L - Standard Lever K - Safety Lever	Please choose one of the following options:  No Designation - Aluminum Case S - Steel Case	Please choose one of the following options:  No Designation - Side Exhaust R - Rear Exhaust	<b>18000</b> - 18000 R.P.M. with 3 Inch T1 Guard
🤻 407GH4			No Designation - Side Exhaust	<b>15000</b> - 15000 R.P.M. with 4 Inch T1 Guard
51H	Please choose one of the following options:  L - Standard Lever K - Safety Lever B - Thumb Switch G - Spade Handle LTK - Turned/Knurled Standard Lever KTK - Turned/KnurledSafety Lever BTK - Turned/KnurledThumb Switch LTKW - Turned/Knurled/Cushioned Standard Lever KTKW - Turned/Knurled/Cushioned Safety Lever BTKW - Turned/Knurled/Cushioned Thumb Switch			<b>18000</b> - 18000 R.P.M. with 3 Inch T1 Guard
<b>₹</b> 57H				<b>15000</b> - 15000 R.P.M. with 4 Inch T1 Guard

Governor Controlled Tool











1.2 H.P. (900 W)

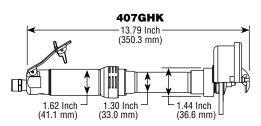


3.5 Lb. (1.6 Kg) Aluminum 4.7 Lb. (2.1 Kg) Steel



35 cfm (16.5 L/s) Max

\*Rear exhaust adds 0.82 Inch (20.8mm) to overall length.



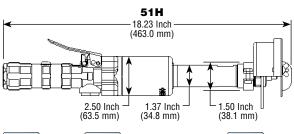




3.6 Lb. (1.6 Kg) Aluminum 4.9 Lb. (2.2 Kg) Steel



20 cfm (9.4 L/s) Free Speed 35 cfm (16.5 L/s) Max





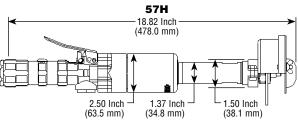
1.5 H.P. (1125W)



6.0 Lb. (2.7 Kg) Aluminum 7.6 Lb. (3.4 Kg) Steel



35 cfm (16.5 L/s) Max







Lbs

6.1 Lb. (2.8 Kg) Aluminum 7.7 Lb. (3.5 Kg) Steel



20 cfm (9.4 L/s) Free Speed 35 cfm (16.5 L/s) Max





# **Horizontal Extended Grinders For 3/8-24 Cone Wheels**

#### 1.2 - 1.5 H.P. (900-1130 W)



Tuno 17









Type 17 Cone Wheel

Type 16 Cone Wheel

Type 17R Cone Wheel

Type 18 Cone Whee

Type 18R Cone Wheel

# Air Inlet Size:

400GH1: 3/8" NPT 51HCW: 1/2" NPT

# Hose Size Recommendations: 1/2" (13 mm) Extra Charge Accessories

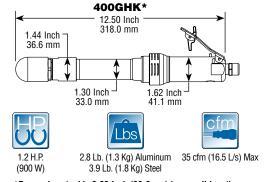
· Safety Lever

#### **Standard Equipment**

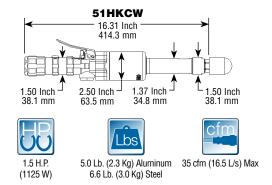
- Tool Operating Instructions and Service Manual
- 2 Wrenches (sizes based on options)

<b>Quick Order Number</b>							
Model	Spindle Size	Maximum	Throttle Type				
Number		Operating Speed	Standard	Safety			
400GH1	3/8-24 X 0.580	20000 RPM	400GH1	400GH1K			
51H	3/0-24 A U.30U	18000 RPM	51HLCW	51HLKCW			
This chart has been provided as a means to quickly identify a particular tool							

This chart has been provided as a means to quickly identify a particular tool. The ordering numbers listed represent the most common versions of our tools. If more specialized versions are required, please build your model number per the following model number flow chart.



<sup>\*</sup>Rear exhaust adds 0.82 Inch (20.8mm) to overall length.



Example Model Number: 400GH1 K S R ; 20000

<u> </u>	<b>↓</b>			
Model Number	The blue highlighted en Lever Style	ntries are shown in the Quick Case Material	Reference Box above. Exhaust Direction	Operating Speed
400GH1	Please choose one of the following options: L - Standard Lever K - Safety Lever		Please choose one of the following options:  No Designation - Side Exhaust R - Rear Exhaust	<b>20000</b> - 20000 R.P.M.
51HCW	Please choose one of the following options:  L - Standard Lever K - Safety Lever B - Thumb Switch G - Spade Handle LTK - Turned/Knurled Standard Lever KTK - Turned/KnurledSafety Lever BTK - Turned/Knurled Thumb Switch LTKW - Turned/Knurled/Cushioned Standard Lever KTKW - Turned/Knurled/Cushioned Safety Lever BTKW - Turned/Knurled/Cushioned Thumb Switch	Please choose one of the following options:  No Designation - Aluminum Case S - Steel Case	No Designation - Side Exhaust	<b>18000</b> - 18000 R.P.M.





