

Original Instructions

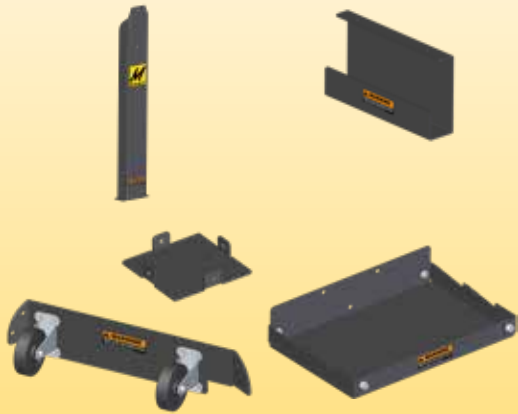
for Magna-Matic Stands &

Accessories Covering:

MAG-10400 & MAG-10450

10400-05 / 10400-07 /

10400-08 / 10400-10 /



THANK YOU,

We sincerely appreciate your decision in choosing Magna-Matic accessories for your balancer, sharpener, or cleaner. Rest assured that if you have a question or problem you will have complete customer support for all of our products.

The MAG-10400 Blade Service Center Stand brings sharpening and balancing into one convenient location, reducing the time spent servicing lawn mower blades.

This system allows the user to efficiently balance and sharpen lawn mower blades without wasting time walking between equipment locations.

There are two available versions of the stand. The MAG-10400 is made for our balancer and either of our sharpeners. The MAG-10450 is made for our balancer and the MAG-12008 Cleaner. The difference between the two stands is the size of the table top; both stands can use all available accessories.

MAG-10400 / MAG-10450 Features

- Super heavy-duty construction 7 & 12 gage steel thicknesses
- Ergonomically correct design
- Leveling foot pads ensure stability
- Powder coated finish for durability
- Hollow center column can be filled with aggregate material for improved weight and rigidity
- Intelligent, versatile design
- Accessories available for various customization

<i>MAG-10400 / MAG-10450 Specifications</i>	
Width	23 inches
Height (table)	38.5" or 41.25" two positions
Height (overall)	69 inches
Foot Print	23 x 23 inches
Weight	60 lbs
Steel Thicknesses	7 & 12 gage



BOX INVENTORY

Please be sure all the items are in the box and inspect for shipping damage, or for missing parts. Contact Magna-Matic right away to remedy any problems due to shipping. 800-328-1110

Hardware Inventory

This is a listing of all the parts and hardware that are included with the MAG-10400 / MAG-10450

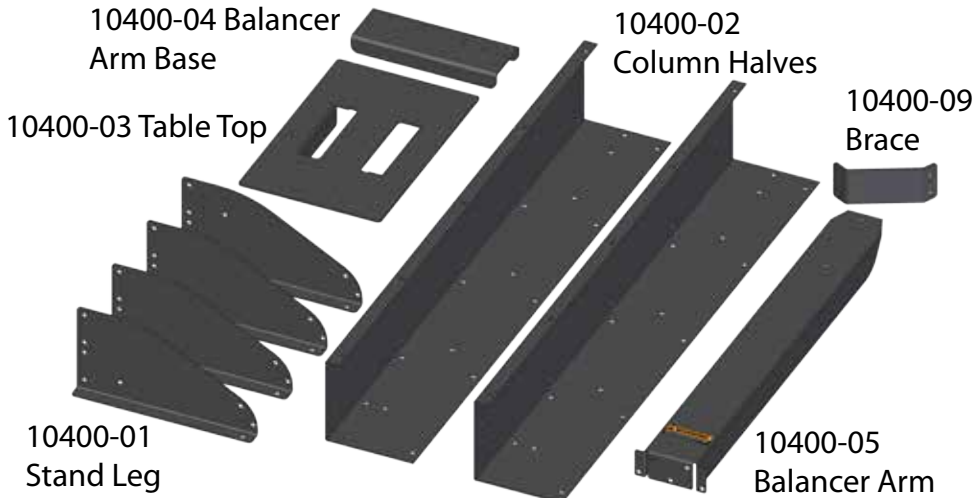
Qty	Part #	Description
4	10400-01	Stand leg
2	10400-02	Column halves
1	10400-03	Sharpener table top
1	10400-04	Balancer stand base
1	10400-05	Balancer stand arm
1	10400-09	Balancer stand brace
4	10300-16	Leveling Foot
1	10400-16	5/16"-18 "J" hook + 5/16"-18 nut

First gather all the require tools to assemble the stand.

- (2) 7/16 Combination Wrench
- (2) 1/2 Combination Wrenches
- (2) 9/16 Combination Wrenches
- (1) Level & (1) Square

Qty	Part #	Description
35	H-31C75HSZ	5/16"-18 x 3/4" long bolt
38	H-31CNFZ	5/16"-18 nut
38	H-31WLZ	5/16" lock washer
2	H-31C100HSZ	5/16"-18 x 1" long
2	H-25C75HSZ	1/4-20 x 3/4" long bolt
2	H-25WFF	1/4" fiber washer
2	H-25WLZ	1/4" lock washer
2	H-25CNFZ	1/4"-20 nut
8	H-37CNFZ	3/8"-16 nut
2	H-31C500HSZ	5/16"-18 x 1.5" long

The MAG-10450 uses table top part 10450-01, which is a larger table top for the MAG-12008 Cleaner. This larger table top is shipped in the same box as the cleaner or separately.



STEP 1

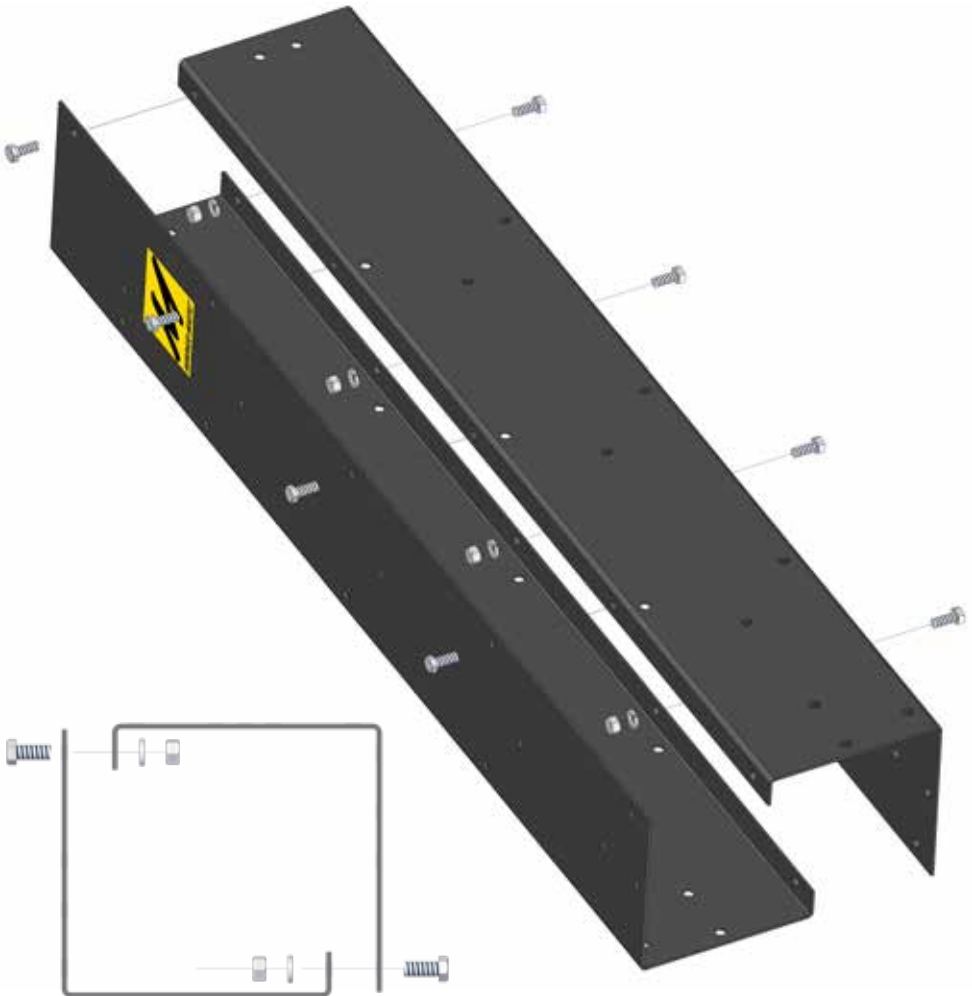
Assemble the Column

You will require:

- (8) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

The lock washers should be located under the nut inside the column as shown. Using a square, check that the column is square down its length before tightening the bolts.

Both of the short bends should be inside the column. See the end view image in the lower left-hand corner of this page.



STEP 2

Optional - 10400-10 Grinding Wheel Shelf

Grinding Wheel Shelves are designed to hold a box of ten grinding wheels. It is possible to have up to four grinding wheel shelves on MAG-10400 or MAG-10450. **Always have grinding wheels in a cardboard box, do not place a grinding wheel directly against the steel shelf.** The shelf can be used to hold tools, the grit guard when you are changing wheels, or to hold the rounded or flat worktable when they are not in use. See "Step 12" for examples of positions of grinding wheel shelves.

Assemble the grinding wheel shelf to the stand. You will require:

- (3) 5/16" x 3/4" long bolts, nuts, lock washers (for mounting to column)
- (4) 5/16" x 1/2" long bolts, nuts, lock washers (for shelf corners)
- (2) 1/2" wrenches

There are 12 possible locations for the grinding wheel shelves - 3 locations per 4 sides of the column. If you choose to place a shelf on the side of the column where bolts are holding the column together, you must remove that bolt and it will be shared with the shelf and column.

If you are having trouble deciding where to mount your 10400-10 shelves refer to "Steps 7 and 12" to see the orientation of the table top and where your sharpener or cleaner will be in respect to the shelf location.

THIS IS ALSO THE TIME TO INSTALL DUST COLLECTOR BRACKETS IF YOU PURCHASED A MAG-200. SEE MAG-200 MANUAL FOR INSTALL DETAILS.



See accessories and pricing here:
www.magna-matic-direct.com

STEP 3

Assemble the Legs to the Column

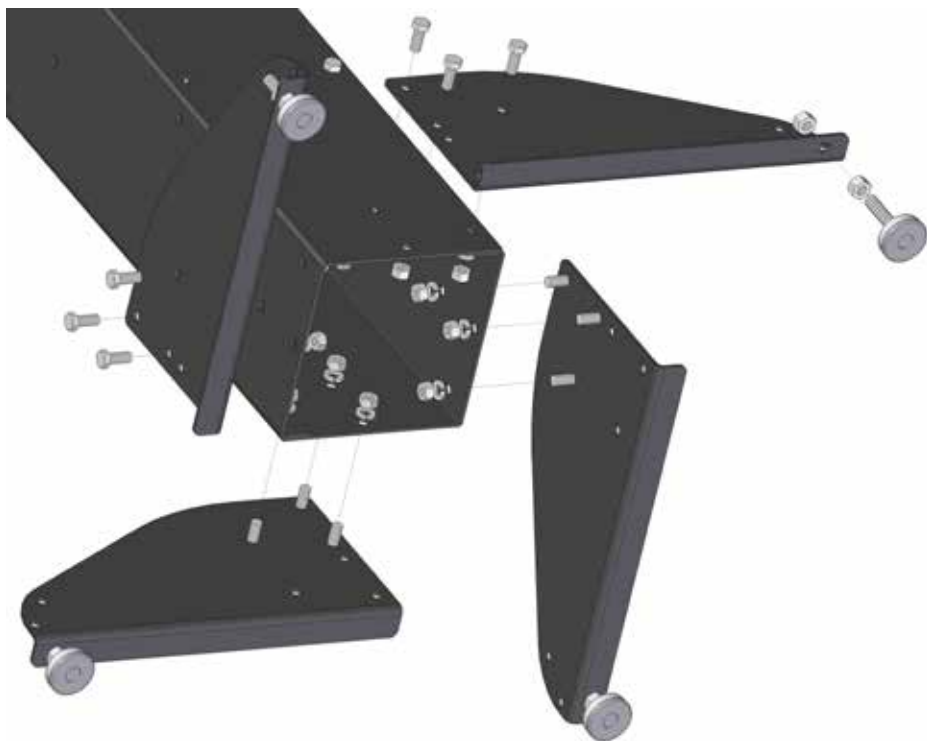
Assemble legs to the column, and the leveling feet to the stand legs.

You will require:

- (12) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (1) Square
- (8) 3/8" nuts
- (2) 9/16" wrenches

There are two height positions for the legs. When tightening the 5/16" bolts use the square to align the legs to the column. Leave the industrial guides loose, you will level them later to accommodate for possible uneven floor surfaces. The MAG-10400 / MAG-10450 has two height positions for operator comfort. The lower positioned holes will provide a 38.5" tall sharpener table top. The higher positioned holes will provide a 41.25" tall sharpener table top.

If you have purchased this optional wheel kit and bottom cover, see "Step 4" first. The bottom cover and legs should be assembled at the same time, because some bolts are shared.



STEP 4

Optional - 10400-08-Kit Wheel Kit

Bottom cover accessory is included with the wheel kit. To create a more safe weight balance it is required that you fill the column of the stand full with an aggregate stone or other material for additional weight. The bottom cover prevents the material from coming out the bottom of the stand column.

Assemble the bottom cover to the stand. You will require:

- Existing leg bolts
- (2) 1/2" wrenches

The bottom cover shares one bolt with the stand leg on each of the 4 sides of the column, you will need to remove these first. The 4 tabs of the bottom cover are threaded, you will need to put the lock washer under the head of the bolt. You may need to loosen the column bolts to make room for the bottom cover.



See accessories and pricing here:
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STEP 5

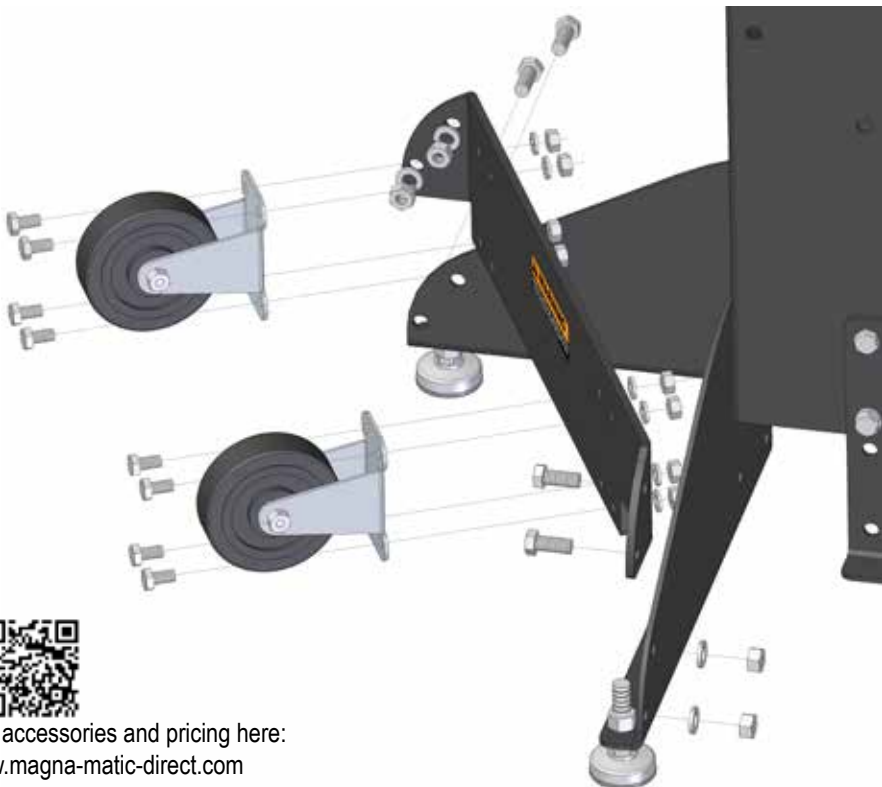
Optional - 10400-08-Kit Wheel Kit, con't

Wheel kit/caster bracket allows for easy movement of the MAG-10400 or MAG-14050 to other locations around your shop. The wheels allow you to move the stand much like a dolly or two-wheel hand-truck. It is required that stand column be filled with an aggregate material to add weight to the stand. The additional weight will balance the whole stand making it easier to move the stand on its wheels. We recommend 3/4" washed stone as an inexpensive way to add weight. Do not use sand because it will hold moisture and invite corrosion. Please refer to "Step 12" to see the completed stand and the best location for the wheel kit to be installed.

Assemble the caster bracket to the stand. You will require:

- (4) 5/16" x 3/4" long bolts, nuts, lock washers
- (8) 1/4" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (2) 7/16" wrenches

First bolt the two wheels to the caster bracket. Bolt the caster bracket between two of the stand legs.



See accessories and pricing here:
www.magna-matic-direct.com

STEP 6

Assemble the Balancer Stand Brace to the Column

You will require:

- (2) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

Keep the two bolts loose to make alignment with the sharpener table top easier in the next step.



STEP 7

Assemble the Table Top to the Column

You will require:

- (8) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches
- (2) 5/16" x 1" long bolts, nuts, lock washers

The two 1" long bolts are required to go through the table, balancer base, and brace - connecting all three parts. The "U-shaped" balancer base is between the table top and angled brace.

The "J" hook can be placed in any of these holes and replace a bolt or in a free hole in the table for hanging the arbor and spanner wrench.

TABLE ORIENTATION FOR MAG-8000

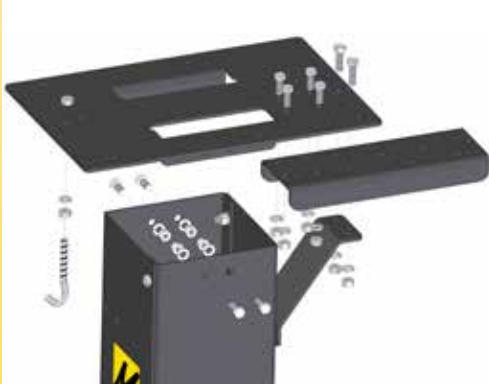


TABLE ORIENTATION FOR MAG-9000

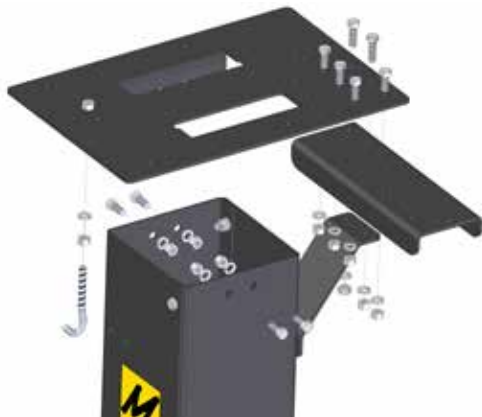


TABLE ORIENTATION FOR MAG-12008



STEP 8

Assemble the Balancer Arm

You will require:

- (5) 5/16" x 3/4" long bolts, nuts, lock washers
- (2) 1/2" wrenches

Connect the balancer arm to the balancer base using the above listed hardware.

Alternatively, if you purchased the Balancer Arm 10400-05 by itself you may bolt it to any work bench table top.



STEP 9

Assemble the Balancer to the Arm

You will require:

- (2) 1/4" x 3/4" long bolts, fiber washers, nuts, lock washers
- (2) 7/16" wrenches

Connect the balancer to the balancer arm. The black fiber washers are used to protect the powder coated finish of the balancer.



STEP 10

Optional - 10400-07 Blade Carrier

Blade Carriers are designed to hold a set of 3 blades at a time. It is possible to have up to four blade carriers on the MAG-10400 or MAG-10450. The blade carrier has two holes in the bottom to hang a second blade carrier from it, if so desired. See "Step 12" for examples of configurations of blade carriers.

You will require:

- (2) 5/16" x 3/4" long bolts & nuts
- (6) 5/16" rubber washers
- (2) 1/2" wrenches

As shown below there should be one rubber washer between every part of steel. This helps to minimize possible vibration during grinding.



See accessories and pricing here:
www.magna-matic-direct.com

STEP 11

Mount the sharpener or cleaner

Mount the MAG-9000 to the stand. You will require:

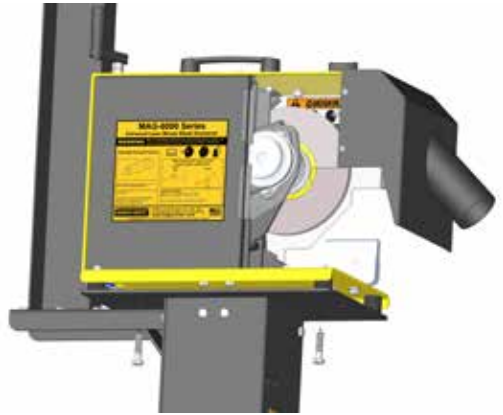
- (2) 5/16" x 1.5" long bolts
- (1) 1/2" wrenches

Place the MAG-9000 on the stand, there are two threaded holes in the base of the MAG-9000. Insert bolts through the table top into the two threaded holes. Tighten down the bolts until the rubber feet of the sharpener are slightly compressed.

Mount the MAG-8000 to the stand. You will require:

- (2) 5/16" x 1.5" long bolts
- (2) 1/2" wrenches

Place the MAG-8000 on the stand, there are two threaded holes in the base of the MAG-8000. Insert bolts through the table top into the two threaded holes. Tighten down the bolts until the rubber feet of the sharpener are slightly compressed.



Mount the MAG-12008 to the stand. You will require:

- (4) 5/16" x 1.5" long bolts
- (2) 1/2" wrenches

Place the MAG-12008 on the stand, there are four threaded holes in the base of the MAG-12008. Insert bolts through the table top into the four threaded holes. Tighten down the bolts until the rubber feet of the cleaner are slightly compressed.

STEP 12

The Completed MAG-10400 or MAG-10450

MAG-10400 STAND FOR SHARPENERS

MAG-10450 STAND FOR CLEANERS



The images below show some of the possible configurations with various accessories and equipment. Please note the locations of the wheel kits on the examples below. Typically it is easiest if the wheels are near the balancer arm. This way you can pull back on the balancer arm to help tip the stand back onto its wheels.



WARRANTY

MAGNA-MATIC CORPORATION (the "Manufacturer") warrants Manufacturer's products (the "Products") will be free from defects in manufacture by Manufacturer (the "Warranty"). The Warranty will be effective and valid for a period of one (1) or two (2) years, as indicated on the Warranty certificate or Manufacturer's website (<http://www.magna-matic.com/warrantyguarantee.html>), beginning on the date in which Manufacturer ships the Product (the "Warranty Period") from manufacturer's facility directly to Manufacturer's distributor or customer/end user (the "Customer"). The Warranty shall obligate Manufacturer to repair or replace (in Manufacturer's discretion) defective Products as provided below. Manufacturer shall maintain records, including Manufacturing Process Instructions, for all Products for a period equal to the Warranty Period. Upon the expiration of the Warranty Period, Manufacturer will have no further obligation to Customer with respect to a Product that is non-conforming and/or defective for any other reason.

To take advantage of the Warranty, Customer must take the following three steps: (1) Customer must promptly notify Manufacturer after Customer becomes aware that it has a defective Product, which in all events must be within thirty (30) days of Customer's discovery of the defect and within the Warranty Period; and (2) Customer must provide detailed digital pictures and/or must return the defective Product to Manufacturer immediately thereafter and/or make the Product available to Manufacturer for inspection (at Manufacturer's request/discretion), and in no event more than thirty (30) days after any notification provided in (1) above; and (3) Customer must insure the defective Product until Manufacturer receives and accepts it. After Customer has taken the above steps, Manufacturer will evaluate the Product to determine if Customer's warranty claim is valid and to determine what, if any, remedy is available to Customer. Customer must return or make available all defective Products with complete documentation associated with the defective Product.

The Warranty shall be invalidated if: (1) damage to the Product is the result of misuse or abuse by Customer or any end user of the Product; or (2) if the Product has been modified by Customer or any end user of the Product; or (3) if any defects in the Products are caused as a result of Manufacturer following Customer's specifications in manufacture that contain any problems, faults, errors, miscalculations, or discrepancies in the specifications. If Manufacturer decides to repair or replace the defective Product, Manufacturer will ship the repaired or replaced Product (both, a "Repaired Product") F.O.B. the shipping point and all of the provisions in this Warranty pertaining to the Products will apply to the Repaired Product, including but not limited to, the risk of loss provisions set forth above. Notwithstanding the prior sentence, the Warranty Period for a Repaired Product will not be restarted, but instead will expire at the same time as though the Repaired Product was never a defective Product but rather the Product at all times.

THE WARRANTY PROVIDED HEREUNDER IS THE ONLY WARRANTY MANUFACTURER PROVIDES TO CUSTOMER, AND SHALL BE IN THE PLACE OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE OR NONINFRINGEMENT, OR ANY OTHER OBLIGATION ON MANUFACTURER'S PART. NO ORAL OR WRITTEN STATEMENTS MADE BY MANUFACTURER, EXCEPT THOSE MADE IN THIS WARRANTY SHALL BE CONSIDERED A WARRANTY OR CONSIDERED TO HAVE ANY LEGAL EFFECT. ADDITIONALLY, NO SAMPLES, MODELS, OR PROTOTYPES MANUFACTURER PROVIDES TO CUSTOMER SHALL BE CONSIDERED A WARRANTY OR CONSIDERED TO HAVE ANY LEGAL EFFECT.

CUSTOMER'S EXCLUSIVE REMEDIES FOR MANUFACTURER'S BREACH OF WARRANTY SHALL BE ONE OF THE FOLLOWING: (A) THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT; OR (B) THE REFUND OF THE PRICE CUSTOMER PAID FOR THE DEFECTIVE PRODUCT. THE REMEDIES SET FORTH ABOVE SHALL BE DETERMINED IN MANUFACTURER'S SOLE DISCRETION. ANY SHIPPING COSTS ASSOCIATED WITH VALID WARRANTY PRODUCTS THAT MANUFACTURER AND CUSTOMER HAVE MUTUALLY AGREED UPON SHALL BE PAID BY MANUFACTURER.

UNDER NO CIRCUMSTANCES WILL MANUFACTURER BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE SALE, MANUFACTURE, OR USE OF THE PRODUCT, WHETHER BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT, OR ANY OTHER LEGAL THEORY. MANUFACTURER'S LIABILITY IN CONNECTION WITH THE SALE OR USE OF THE PRODUCT WILL NOT EXCEED THE PRICE OF THE PRODUCT UNDER ANY CIRCUMSTANCES. BY WAY OF EXAMPLE, IF A SINGLE PRODUCT CAUSES ANY DAMAGES, MANUFACTURER'S LIABILITY WILL NOT EXCEED THE PRICE OF THAT SINGLE PRODUCT. DAMAGES REFERRED TO IN THIS PROVISION INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, REVENUE, OR USE OF THE PRODUCT; THE COST OF CAPITAL, SUBSTITUTE PRODUCTS, REPLACEMENT PRODUCTS, OR DOWN TIME; ANY CLAIMS OF THIRD PARTIES, INCLUDING, BUT NOT LIMITED TO, CUSTOMER'S CUSTOMERS OR OTHER USERS; DEATH; PERSONAL INJURY; AND INJURY TO PROPERTY.

CE DECLARATION OF CONFORMITY

Manufacturer Declaration

According to EC Machinery Directive 2006/42/EC, Annex II A

We, MAGNA-MATIC W4599 County Road IW Waldo, WI 53093, herewith declare, that the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us. In case of alteration of the machine, not agreed upon by us, this declaration will lose its validity.

Machine: MAG 12008, MAG 8000, MAG 9000

Applicable EC Directives:

EC Machinery Directive 2006/42/EC
EC Low - Voltage Directive 2006/95/EC



Applicable Harmonized Standards: BSENISO 12100:2010

BSEN 61029-1:2009+A11:2010
BSEN 61029-2-4:2011

Printed Name: Gerd F. Bauer II

Authorized Signature:

Title: Vice President

Date: 1 January 2015



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