EVOLUTION®

EN

ES

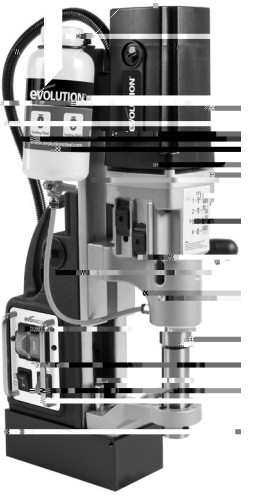
FR

www.evolution

evoMAG28 evoMAG50 evoMAG75

Original Instructions

Mac a d d a .



W UK E

Da P b d: 01/03/2016

ENGLISH

EN

ES

FR

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I d d _ P T	Pa 9
P b _ d _ P T	Pa 10

SAFI83-/Lang (en-US)/MCID 44 3DC BT7.5 0 0 7.5 336.1417 390.0702 Tm[(P)26 (age 10)]TJETEMC /Span

(1.2)
This instruction manual was originally written in English.

(1.3)
IMPORTANT

P a ad a _ a d a
_ c _ ca a d c _ .
F a , _ a c a _
ab a a c _ _ _ _
a acc a c _ca _ ,
_ b _c ca b d
E _ P T b _ . W a
a _ _ d _d
_ a _ a _ , b T c _ca _ a
a a _ ab _ _ _ .

WEB: . _ .c _

(1.4)
Congratulations on your purchase of an Evolution Power Tools Machine. Please complete your product registration 'online' as explained in the A4 online guarantee registration leaflet included with this machine. You can also scan the QR code found on the A4 leaflet with a Smart Phone. This will enable you to validate your machine's guarantee period via Evolution's website by entering your details and thus ensure prompt service if ever needed. We sincerely thank you for selecting a product from Evolution Power Tools.

EVOLUTION LIMITED GUARANTEE.
E _ P T _
_ a _ _ a d _ d _ ca _
d c d _ _ _ _c .

SPECIFICATIONS

MACHINE
M (UK) 230V 50/60H
M (UK) 110V 50/60H
M (USA) 120V 60H
N _b O S d
S d (N L ad)
I a _ C a
P 53 (BT0.015 Tc -0.015 T 7 0 0 7 98.0384 42)6 ((UK)9.309-22.3.309-28 ( )00/60H MA CHINE

MCID 1 -US/S 53 ( )-11 (C)00/60

(1.6)

Note: T _b a _ _ a _ a _ad
d a da d c d_ _ _ acc da c _ :
BS EN 61029-1:2009

T d c a d _b a _ a a a b
_ a d _ acc da c _ a a da d
_ da d _a b d c _ a _ _
_ a .

T d c a d _b a _ a a _a a b
d _ a _ _ _ a a _ .

(1.7)

VIBRATION

WARNING: W _ _ _ _ac _
a ca b d _
_b a _ a _ _ d a da da _.
I _ _b a a c dd
V_b a _ _ _ _ d_ a (Ra a d
d _). T _ c d_ _ ca d c
_ _ _ a d _ a 1 /La _ 5 .1 (T _c.5)-1 ((b)0S a 0.01T.5)-1 ((b)0S a 0.01 d)

(1.8)

LABELS & SYMBOLS

WARNING: D a ac
a a d/ c ab a
da a d. C ac E P T
ac ab .

Note: A b
a a a a d c .

SYMBOL	DESCRIPTION
V	V
A	A
H	H
M -1	S d
	A a C
	N L ad S d
	D b I a d

(2.2)

1) General Power Tool Safety Warnings [Work area safety]

a) Keep work area clean and well lit. C d da a a _ _ acc d .

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gasses or dust. P c a a _c _a _ _ d _ .

c) Keep children and bystanders away while operating power tool. D_ ac _ ca ca c .

(2.3)

2) General Power Tool Safety Warnings [Electrical Safety]

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. U _ d_ _ d _ a d _a c _ _ _ d c _ c _c c .

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. T _ a _ c a d _ c _c c _ b d _ a d _ d d.

c) Do not expose power tools to rain or wet conditions. Wa _ _ a _ _ c a _ c _c c .

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. K c da a _ a , _, a d _ _ a .Da_a d a_ d c d _ c a _ c _c c .

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. U a c d _ab d d c _ c _c c .

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. U a RCD d c _ c _c c .

(2.4)

3) General Power Tool Safety Warnings [Personal Safety].

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of

COOLANTS AND

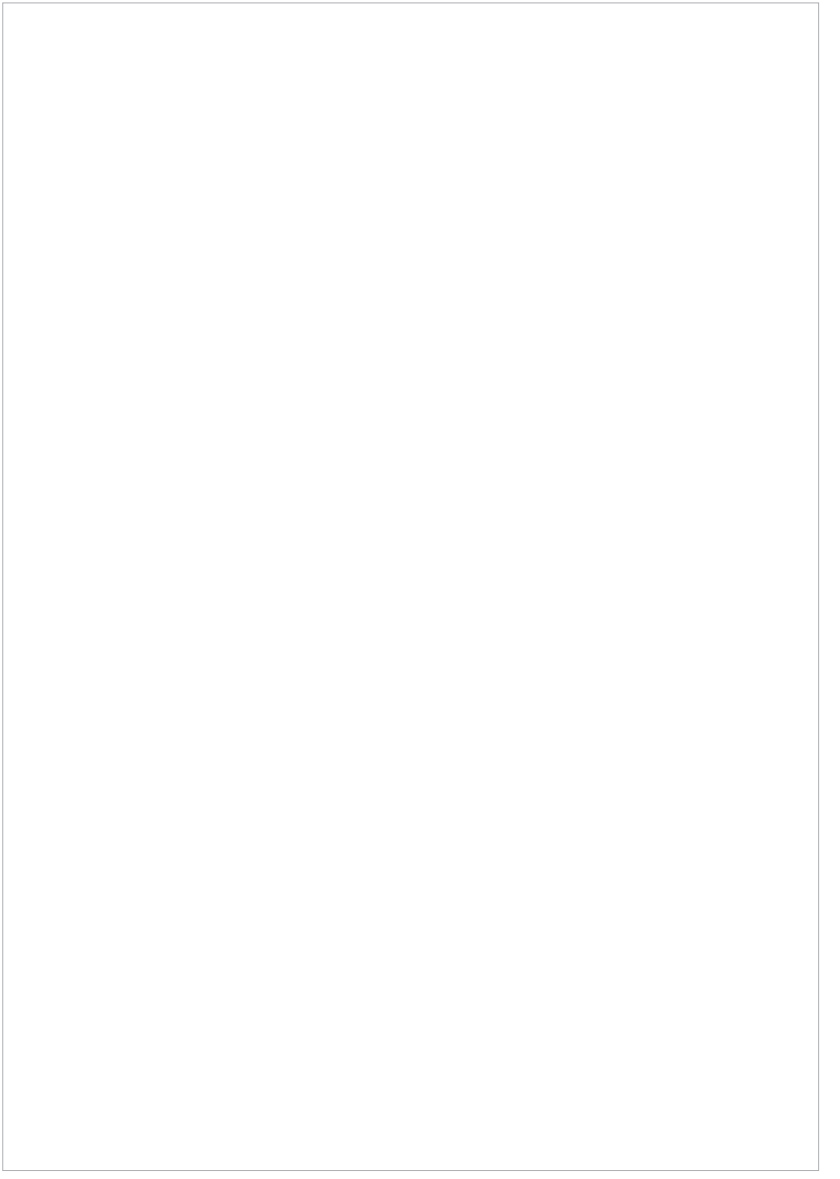
(4.1)
GETTING STARTED

UNPACKING

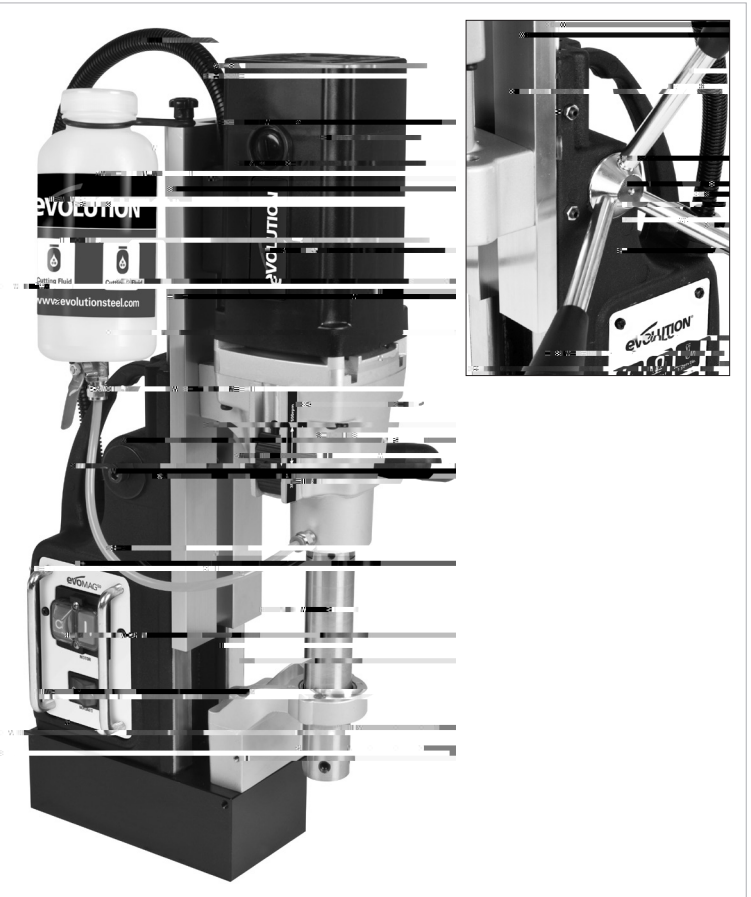
Caution: T _ ac a _ _ c a_ a
bj c . Ta ca ac _ _ . R _
_ ac _ , _ _ acc _
_ d _ ac a _ _ . C c ca

MACHINE OVERVIEW - EVOMAG28

T

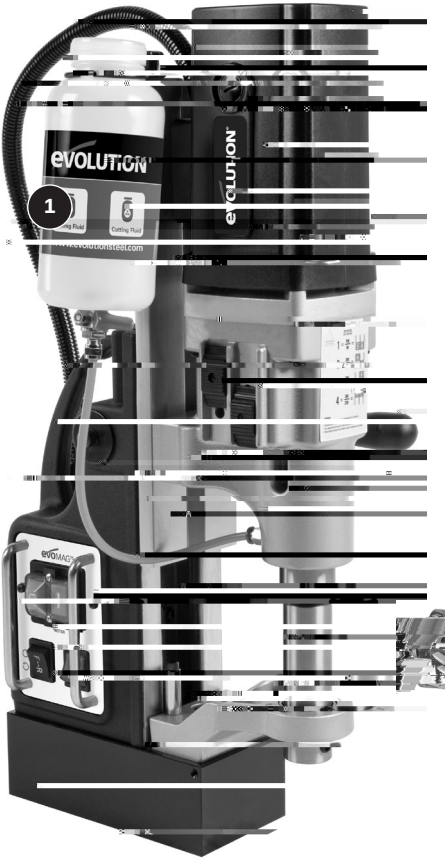


MACHINE OVERVIEW - EVOMAG50



1. Coolant Tank
2. Carbon Brushes
3. Spindle Hub & Handles
4. Gear Selection Switch
5. Switch Panel
6. Magnetic Base
7. Arbor Support Bracket
8. Annular Cutter (Not included)
9. 3 Jaw Chuck (Not included)

MACHINE OVERVIEW - EVOMAG75



Mac a d
d a .

a _ .
.T _ _a _ c a_ d _ _ c a (a 20) _ _
a _ a_ _da c , a d c d b _ad a
_ _a _ _ d b c _a ac .

WARNING: N a _ c a _ _ a _ _ac _
a b _ a _ _ . T _ d b _ c d ‘ ’ a d _ a d
a b _ b c _ a _ a .

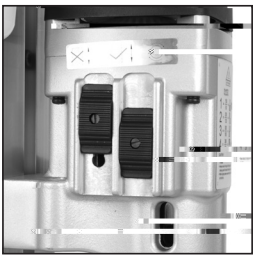


FIG. 4

EVOMAG75
Note: I _ c _ _ d d a d _ d _ b
_ ac _ _ c c d .
T EVOMAG75 a a (4) d a b . T 447S a a _ c _

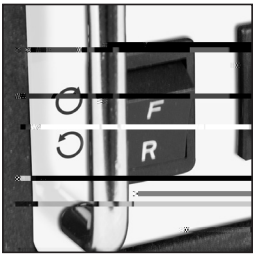


FIG. 6

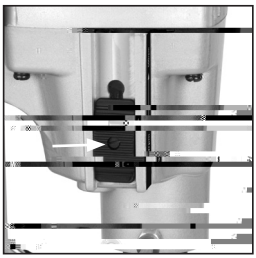


FIG. 7

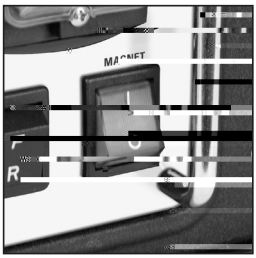


FIG. 8
EVOMAG75 shown above.
O ac a a.

FIG. 9
EVOMAG75 shown above.
O ac a a.

GEAR SELECTION

EVOMAG50

T EVOMAG50 a a (2) d ab .T d d db d a c b . **(Fig. 7)**

Note: T a d a c a d a a c c , ab ac a b d c b .

WARNING: N a ca a a ac ' ab a .T db c d' 'a d a d ab b c a a .
.P ad d c b a d d d .
.T a a c a d c a b a a a da c , a d c db ad a a db c a ac .

GEAR	No Load RPM	CUTTERS
1	380/230	1-9/16 - 2 (40 - 50)
2	500/300	1-9/16 (40)

PRE USE TESTING

ALL MACHINES

WARNING: T ac a Ca 1 a a d b a d. A c a ac a c cd b dd a .E a a a c a 'OFF' b c c cd a c .

WARNING: T c da b ac a d .R ac d b ca d b a a d c ca .U ac a c d db E P T .

WARNING: D a ac , d a a d ac .

.P ac ac a c c a 10 c d a a a a a ba ac .
.C c a a .
.P ac d c c a d a a . **(Fig. 8)**

.C c a _ac _ _ c a ac d _ _d a .
.O a _ _c **(Fig. 9)** _ac _ ’ _c
a _c _ac _ ’ _ .
.O a d _c **(Fig. 10)** _c
_ac _ _ .
.A _ a c d a dc c a
a _ _b a _ .

WARNING: D _ac _ _ a _b a _ a
_ a _d .

WARNING: D _ac _ _ _a _c ad _ _
_ ab .

I a da_a , a _ _b a _ _ d c dd _ _
_ _ , a _ac _ _c da dc c db a a _ _ d
c _c_a , _ d a a , a a
a _ .

.W a _ _ a b c _ d, _ac _ ’ .’

INSTALLING AN ANNULAR CUTTER

ALL MACHINES

.S c a c a _ _ab a b _ d.

WARNING: A a c a a .I _ c _ _ d d
a a a c _ _ _ a d _ _ a

SETTING UP

Note: T _ ac _ d b d
b _ _ /d _ _ _ a ac d
- _ c b c _ a _ c ba .

EVOMAG75 ca a b d a _ _

Note: T a b EVOMAG28 _ _ac _ d c _a c
_a_ d _ _ d _ac _ . B a a _b d
_ a _ c d .
.U a c (_ d) c a b _
_a_ d _ _ d .
.R _ a b b ac b _ _ a d
_ _ _ (4) M5 c ad d b . **(Fig. 14)**
.R _ c a a .
.Sc c c _ _a_ d _ _ d . **(Fig. 15)**

Sa a b , a b b ac a d a _ _ _
_ a a _ .

EVOMAG50
A (3) ja c c (a HTA51) a d ada (a HTA45)
ca b _ d _ _a_ d _ _ d _ _ac _ . T _
ab EVOMAG50 a a da d _ d _ 5/8_ .

WARNING: E a _ac _ _ d_ c c d _
_a_ _ a _ _ a 3 ja c c .
.Ra_ c _ _ ad _ _ _ _ _ .
.T (2) ' a ' **(Fig. 16A)** a _ac _ d _a_ d _
c ac 6 (c)-8 _3 9 ( )-19.1 (d)-12.9 ( )-7.1 ( )-13.9 ( )-10 24 b .
.U a c (_ d) ac ' a '
_ d _ a _ _ .
.U a c d c ac (2) ' a ' _ac _ d
_ac _ a b **(Fig. 16B)** c 9 55.8159 3.9 ( )-( )-8.1 ( )-12.2 ( )-12

•T a b _ _ac _ d _ _a_ d _
_ d _ _ . **(Fig. 18)**
•I _ d a dd _ _ _ ,
_ _ a _ b _ .
•S _ _c d d _ _ _ , ab _ a
ac d _a .
•T a b _ b a da d j c d _ _ac _ .
R _ d _ .

WARNING: Ta ca a j c da b _
da_a d b a _ _ _ d. A a j c d
a b ca a da _ a _ _
_ac _ .
•R _ a b b ac b _ a d _ _
(3) c ad c .

S a b , a b b ac a da a d a
_ a a _ .

Acc _ c a a d _ c c _ a N .3 M Ta a
a N .3 MTT _ D _ ca b _ d d _ c _
d _ _ d .
•I acc _ _ac _ d _ _ d .
•S a acc _ _ _ ca _ ‘ a _ ’
acc a -6.2 ( )-13.6 ( )-128 /S a9.6457 3 3 a N d _ .

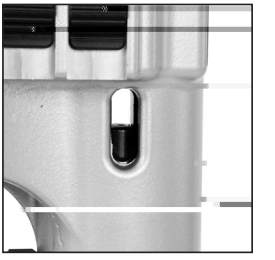


FIG. 18

General Advice

.C ab b .

GEAR	No Load RPM	TAPS
1	200/120	9/16 15/16 15

a .T c ad
d a d d , b
a b a d d b a
d a d .

MACHINE	No. Of adjustment screws
EVOMAG28	7
EVOMAG50	5
EVOMAG75	5

.A adj c a d a c a d
c a ca d a R Ha d
d ac ' a d .
.U a 8 AF c
c c c adj c
ac .
.U a , a d a
adj c , a d
adj c a a
d a a d a d.
.T d a d d .T d b
a , b b d a
a a .
.I c a , a ab c d
a a a a
a b a d.
.A d a d a a d,
ac c ad a d d d
d a b d a d
a a d d
.W adj a b cc
c d, c .
.R c c ac d
a d c ad.

DECLARATION OF CONFORMITY

The manufacturer of the product covered by this Declaration is:

E _ P T ,V O ,L _ ac C ,H b I d _a E a ,S _ d, S20 3FR.

T _a ac b d c a a _ac _ a d a_ d_ _ d c a a _ _ a a _ _ Mac _ D_ c _ a d a _a d_ c _ a d a_ d b .T _a ac d c a a _ac _ a d a_ d_ _ d c a a _ , a _cab , _ a _ _ E _a H a a d Sa _ _ .

The Directives covered by this Declaration are as detailed below:

2006/42/EC.	Mac _ D_ c _ .
2004/108/EC.	E c _a _c C _ a _b_ _ D_ c _ .
2014/30/EU.	E c _a _c C _ a _b_ _ D_ c _ .
2011/65/EU.	T R _c _ U C a_ Ha a d S b a c _ E c _ .9 ( )-12.2 (.)-10.1 (c)-31.6 ( )-7.1 (.)-10- BTF-D6_ .9 ( )-12.2 (.)-1b1 (.)-10C /S 5

CE

eVOLUTIO

ÍNDICE

E _ _	Pa 2
E an	P _ _ a 32
F a a _	Pa 64

INTRODUCCIÓN	**Página 35**
Ga a a	P _ _ a 35
E c _ cac _ d a _ _ a	P _ _ a 36
V b ac _	P _ _ a 38
E _ a _ b	P _ _ a 39
U _ d a a _ _ a c ca	P _ _ a 39
U b d d a a _ _ a c ca	P _ _ a 39
PRECAUCIONES DE SEGURIDAD	**Página 40**
U _	P _ _ aP9IU)6 ( )3 ( )-13 ( )6 ( )-4

(1.2)
Este manual de instrucciones se redactó originalmente en inglés.

(1.3)
IMPORTANTE

P a , a a _ cc_ d
c_ a_ _ _dad a a_
a _dad _ a . P _a _ _dad,
_ _ c a _ _ d d da ac ca d
d a a_ _ a d d c ac a
c d a _ c_a c _ca c
_ c a _ _ bd E _
P T . N a _ a _ ac_ d_
d a _ d a _ c_a d
_ d . S d a_b_ d c
a a_ _ c _c .

WEB: . _ .c _

(1.4)
Le felicitamos por adquirir una herramienta de Evolution Power Tools. Complete el registro de su producto en línea tal como se explica en el formulario de registro de garantía en línea A4 que acompaña a este producto. También puede escanear con un smartphone el código QR que aparece en el formulario A4. Esto le permitirá validar el periodo de garantía de su herramienta a través del sitio de Evolution mediante la introducción de sus datos y así disponer de un servicio rápido si fuera necesario. Le agradecemos sinceramente que haya elegido un producto de Evolution Power Tools.

GARANTÍA LIMITADA DE EVOLUTION.
E _ P T a d c
d _ d c_ _ j a _ d_ _cac_
d_ n d d c _ _ a _ .C
_ a _ d _ _ d _ a a a /
_ba aj a a b _ d a ac ca d
_ _ c d_c_ d a_ a a a. La
_ a a a _ _ a _cab a a a_ _ a
d _ ada a a _ cad c _ a
d R _ U _d . E _ cad d
a _ca _ _ c _c , _ c ac_
c _ .C a d_ _b _d a a

b _ _ac_ b a_ a a a a _cada
a/ a . T da a _ a a a d E _
ad_c_ a a d c _ a .

(1.5)
E _ P T a a ca_b_a ,
d d _ d d _ a a a d d a
c a _ _ a d c _ a, c a _ d c
d c _a _a ca _dad d
_a ac a. E a_ a a a d a _d
_ a a_ _ a d d
a _ _ ad _ a a c _ dac_

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ESPECIFICACIONES TÉCNICAS

HERRAMIENTA	
M (UK) 230V 50/60H	
M (UK) 110V 50/60H	
M (USA) 120V 60H	
V c dad D M	
V c dad (ac)	
C a d A a	
L d d cab c c	
P d a a a	

CAPACIDADES DE CORTE	
Ca ac dad d c a a a	
P d dad d c a	
D d d d c d c ad	
D d a d c ad	

IMÁN	
Ad c a Ma ca	
G d aca	

DIMENSIONES	
D d	
A ad a a a	
A ad a a a	
A c ad a a a	

RUIDO Y VIBRACIÓN	
N d P S a L_{PA}	
N d P c a S a L^{WA}	
V b ac d B a / Ma	

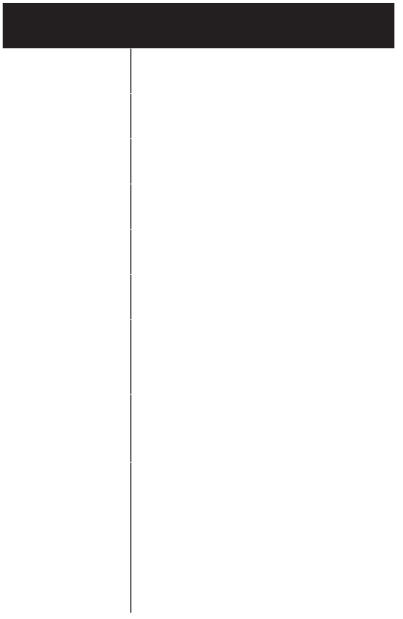
NÚMEROS DE MODELO	
UK	
USA	
EU	

MÉTRICO	IMPERIAL
2000W	8.6A
1700W	15.4A
1700W	15A
2	2
380 500 -1	380 500
1	1
3.5	11’ 6
22.9	50.38 b

50	2
75	3
19	

(1.6)
Nota: a _ d_c_ d a _b ac_ a _
baj c d_c_ da c _ a:
BS EN 61029-1:2009

.E a a d _b ac_ d c a ad a
_ d_d d ac d c _ d d ba



.E a a_ _ a d _ _ a
_ca _ , _ a _ _c_
_ _da, _ _ _ _ a a ad c_a
_a _ca d abaj .

ADVERTENCIA: Pa a _ a a ada d
_d _ _a c _c , d b _ _ a
a a d c _ a d _d d c a
_ _ a a a_ _ a _c_ _ _da.

(1.13)
ADVERTENCIA: E a a_ _ a
d_ n ada a a a
(_ c d n) c d_ ca ac_dad _ca,
_a _ a , c a a d _ c_a
c c_ _ _ , a a a _d
_ ada _ _da _ d
a a_ _ a a a ab
d _ _dad c _ _
d a _ _ _a. L n d b _ ad
a a. a a _ a _ a acc a a
a_ _ a j _ c a.

(1.14)
SEGURIDAD ELÉCTRICA
E a a_ _ a c a c cab d d
c c _ad c c a a _ cad
d _ ad . S_ cab d d c
a da n ad d a. a _a, d b

(2.3)
2) Advertencias generales de seguridad para herramientas eléctricas [Seguridad eléctrica]

[Uso y cuidado de la herramienta eléctrica].

a) No fuerce la herramienta eléctrica.

U _c a a_ a c _cac c a a a a _cac_ .La a_ a c _cac c a c_ a _ j d _a _ aa a c_dad a a ac a ad_ nad .

b) No utilice la herramienta eléctrica si el interruptor no se conecta o desconecta.

C a a_ a c _ca da c a c a d b a a .

c) Desconecte la herramienta eléctrica del suministro eléctrico y / o el pack de ba**Cual1 1 Tf-(t)-227 (c)-12d5 (r)4.8 (r)8.9 (am)-1.6 (ie)-5.4 (n)4.3 (t)-5.2 (a717 (e)-7.2 (l)-1.4 (.9 (amc)-12)-1**

(2.8)

ADVERTENCIA: E _a j d c a _
a_ _ a c _ca d ca a
cc_ d bj an a j ,
ca _ a d _ a dan c a . A
d _a c a a a_ _ a c _ca,
a _ _ _ a a c
d _ _dad c cc_ a a a
_a ca _ a ac_a c _ a c a d a
c a _ .

INSTRUCCIONES DE SEGURIDAD ADICIONALES

Seguridad del suministro eléctrico de red

ADVERTENCIA: d b_d a a a a a
d c_ a_ _ d a a_ _ a 3.9 ( )- ( )12 (d)-0.9 ( )12 ( )2.5 ( )-6.2 ( )-4BT0.01( )2.5 (2) (E)- 63.5.

EN

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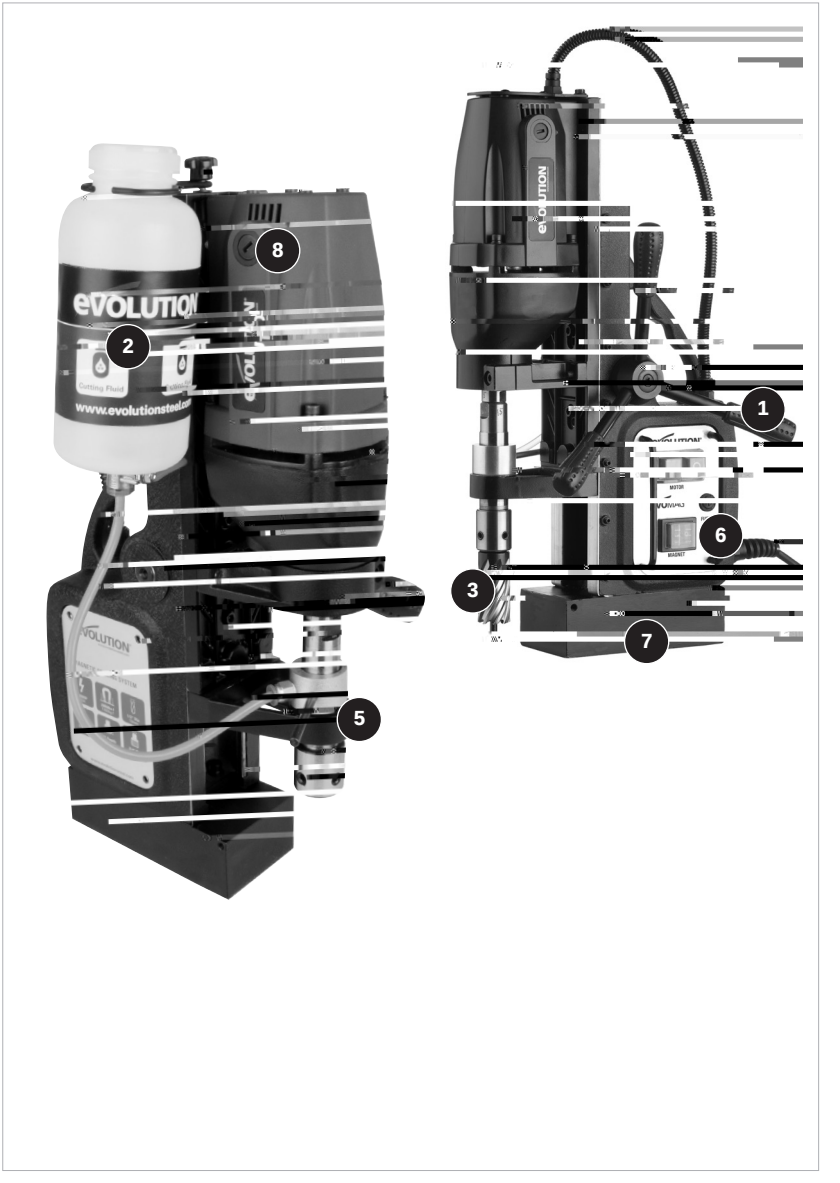
a ad c
a c dad.
• S abaja a ad , a
a c a a d d c d
c da a a a a
d d d ca a a .
• Ha c c dad c a
d d d a a ca
a ad . D b a a d
cc a a a a .
• E a a a d a b
a c ca c b ca abaj
a a c ad c a
a ca. Ha da a c
c dad a a ad a c da a a
baba / a a a a ada d ca a
. L d cc
a a ad .

CADENA DE SEGURIDAD
O CORREA DE SEGURIDAD

Nota: E a a a a a
c a cad a d dad a c a
d dad, d d d cad d
d . La dad d b d a
d d a d a
a . D b a da a
ca ac ca d dad.
• Pa a a b a ad ,
d b a a cad a a c a d
dad d a a ac d c .
• La cad a a c a d dad
c a a d dad
ad c a ca d a d

DESCRIPCIÓN GENERAL DEL EVOMAG28



ADVERTENCIA: E a a_ _ a d b c c a a _ _ _ c _c a a a ad a cab d _ aj a a ac_ a a a _ ad a c _ bac_ d _ _dad. **Evolution taladros magnéticos sólo pueden ser utilizados para el acero no revestido suave. Asegúrese de que la superficie esté libre de pintura y óxido suelto antes de intentar perforar.**

Nota: T da a a_ _ a c _ a _ c _ _a a _ ca ac _ca _ _ _a . L a a _ cc_ a a_ . D d a a _ _ c _c a a a a_ _ a c c a, c _ _a . . R2.9 (T52 81) -9.5 DC)-8. a _ca _ -8.8(6.1 (_)-7 ( )-9.5 ( ).1 (. D)- ((a)-1

SELECCIÓN DE MARCHA

EVOMAG75

MARCHA	RPM En Vacío	CORTADORES	MACHOS DE ROSCAR
1	200/120	2 3/8 3 60_ _ 75_ _	9/16 15/16 15_ _ 24_ _
2	260/150	1 3/4 2 3/8 45_ _ 60_ _	9/16 15_ _
3	390/230	1 3/8 1 3/4 35_ _ 45_ _)	N/A
4	490/290	1 3/8 35_ _)	N/A

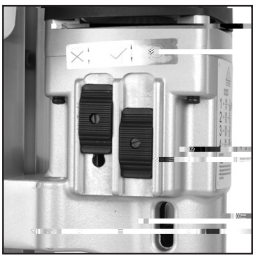


FIG. 4

.S cc_ _ _ a _a c a da a d _ c a
c a _ ac_ d c .
.

PRUEBAS ANTERIORES AL USO

TODAS LAS HERRAMIENTAS

ADVERTENCIA: E a a_ a _ a_ a_ d C a 1 d b c c a a _ a. C a _ _a c _ca a a c a c c ada d b a _ a. A _ d d _ d c_ a_ a c _c_ OFF a d c c a cab c _c a a _a.

ADVERTENCIA: E c j d cab c _c _ _ a a _ ad . S _ c_ d b a _ ada c _c c a _ _cad . U _ _c a _ a d c _ dada E _ P T .

ADVERTENCIA:

EN

ES

FR

jad b a c a a.
.A c a d jac . E a a a d c a a a c a d c ad , d d c ad a j .
.A d jac a c a a.

INSTALACIÓN DE UN CORTADOR ANULAR

TODAS LAS HERRAMIENTAS

.S cc c ad a ad c ad a a a a a a .

ADVERTENCIA: c ad a a a ad .
S c da ad a d cc a a a c ad d a a ac a ada.
.C b c ad a ad
dan .

ADVERTENCIA: N d b a c ad
dan ad .

.I a ad c ad a d d d a a c c ad a .
(Fig. 11)
.S ba cab a d c d a a a a c ada.
.C b d jac d c ad c a d a d **(Fig. 12)** b a a a c d a d .
.A a d (2) c a a a ada j d c ad c d jac a d .
.I j d c ad a c d a d .
.E c a a a d d jac a a a a a a ac a a ad a .P a a a a d jac a a jad b a c a a.
.A c a d jac . E a a a d c a a a c a d c ad , d d c ad a j .
.A d jac a c a a.

PUESTA EN MARCHA

Notaicie plana. 0 0 7997.8976 136.45597.8C9 (R)-6.5 (C)-10 (H)2 (U)- (A)]TJmp

(_ _ ad). S a a cc
_ _ ada ab ca d ab ca
a a a ac d a j .

ADVERTENCIA: A d d
ad M/GS0 .5 ( )9.7501 T1:

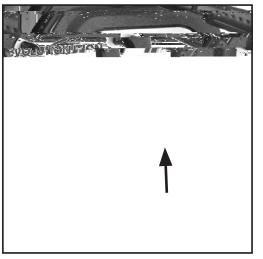


FIG. 13

GUÍA GENERAL

CORTE DE AGUJEROS CON CORTADORES ANULARES

Nota: E E Ma 28 c a c _b c a b aj d 10 A 230 (5 20 _ _). E b_cad a _b a d c _ ac_ d a a_ _ a. **(Fig. 13)**
S_ a a_ _ a c_ a, c _ b _b . S_ a d_d , c _b_ _d _c .

.C c c a_ a a_ _ a a _ a d abaj , c c _ ac _ ad a cad a / c a d _ _dad b_ jada _ a .
.C _ b _ a ca da d _ a / b _ca _c_ c ad .
.A a _ a d ad d _ ad a d _ d a a_ _ a.
.U _ _ a d a _a c_ a d a a c , baj a_ cab a d c a a c ad c ac c a _ a d abaj .
.S_ a a _ca d a _ a _ _c_ a a _ _ _ c ad c _b _ a _ a d abaj .
.D d_ d d _ d a _ a d abaj , d _ a a _ d_ca_ c ad _ _ _ a c a _ ac _ ac_ d baba.

ADVERTENCIA: E _ _ _ a baba d c c cab a d c a ad _a d _, c ad _ c _ a_ a ad .
.S_ a c c a a _ a a c _ ac_ a _ d a a_ _ a.

ADVERTENCIA: A _ a _ a c , a ad _ a a _ d _a _a . E a _ _ ca _ a b d _ a _ ad . R a _c a a _ ad c ad a a c c _ d _a _ a a _ d d_d , c a d d a _a a _ _dad d c a _ c _ a abaj c ca.
C a ab d _ _dad d _ a a_ _ a a b a a_ _ c _c ad_c_ a .
U _ c _ a d cc_ _ c a _ _a _ a a _ . S_ d d a _ d c ad , d a _ a cad _ _ d _ _ _ .
Pa a d d a _ , baj c ad b a _c_ a a d a _ a d abaj . E d ca

INSTALACIÓN DE UN PORTABROCAS DE 3 MORDAZAS

EVOMAG28

P d _ a ab ca d (3) _ da a (_ a HTA 153) j d acc_ a_ _ _ c_ a d a a_ _ a. E _ _ a EVOMAG28 _ _ a b ca _c _da da

•E _a d _ d d d j d acc_ a_ _ c_ a
d _a d a a_ _ a, a a d a a d c j_
d _a d _.
•A j a (3) _ d cab a a a d
d _a d _. **(Fig. 17)**
•R _ a c ad a d d _a d _d a a_ _ a.
•M ada ad d ab ca HTA45 j d
acc_ a_ _ c_ a
•M ab ca ada ad d ab ca .

G a d _a d _, a c ad a d d _a d _ d
acc _ a a a a _ a ac_ .

EVOMAG75

ADVERTENCIA: A _ d a a_ _ a
d c c ada d _ _ _ c _c d d a _ a a
_a _a d _d a a_ _ a c a _ acc _
_ a ad .

Nota: E EVOMAG75 c a c _a d _ _ a
_ a c _ca M 3.
•G_ _a d _ a a a a a _ ca _ ada j
d acc_ a_ _ _ c_ a a a d a _ _ _ a . **(Fig. 18)**
•I ac c _c _ _ _ ad a a d a
_ _ _ a , a _ d d a a a d a d _ _ _ a .
•G _ _ d ac _ _ _ ,
_b _ c _a d _c_ b a da.
•E _a d _ _b a d d d a a_ _ a.
R c ac .

ADVERTENCIA: P c da _a d _
d d_d a ca a . A _ a_b_ d
_a d _d d_d da _ _ a a
c _ a d abaj a d d d a a_ _ a.

•R _ a c ad a d d _a d _a ja d
_a d (3) _ d cab a ca.
G a d _a d _, a c ad a d d _a d _ d
acc _ a a a a _ a ac_ .

A a d _

DECLARACIÓN DE CONFORMIDAD DE LA CE

El fabricante de los productos regulados por la presente Declaración constituye:
E _ P T ,V O ,L _ac C ,H b I d _a E a ,S _ d, S20 3FR.

E ab_ca d c a a a _ _ a a c _ d a a a d c a ac_ c _
da a d_ _c_ _ d a D_ c _a d M _ a a d_ c _ a a _ada ,

CE

EVOMAG28

Detalle de BB1AG

NOTES

eVOLUTION®

EN

ES

FRANÇAIS

Tad c_ d'_ _a

FR

SOMMAIRE

E _ _	Pa 2
E an	P _ _ a 32
F a☒a _	Pa 64

(1.2)
L'original de ce manuel
d'utilisation est en anglais.

(1.3)
IMPORTANT

M c d c c d' a
d c a ca a . P
c ,
a d c a ' d a c d c
, c ac c c d
b d E
P T . N d d
c c a d , a
a a c c a
d b a d d b .

ADRESSE DU SITE

( ) 27C /S a La (-US)/MCID 4657 DC BT7.5 0 0 7.5 127.6383 364.2411 T ( )TjETEMC /S a La (-US)/MCID 465

SPECIFICATIONS TECHNIQUES

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

METRIC	IMPERIAL
2000W	8.6A
1700W	15.4A
1700W	15A
2	2
380 500 _ -1	380 500 _
1	1
3.5 _	11’ 6
22.9	50.38 b

50 _ _	2
75 _ _	3
19 _ _	3/4
16 _ _	5/8

3263	7194 b
12 _ _	15/32

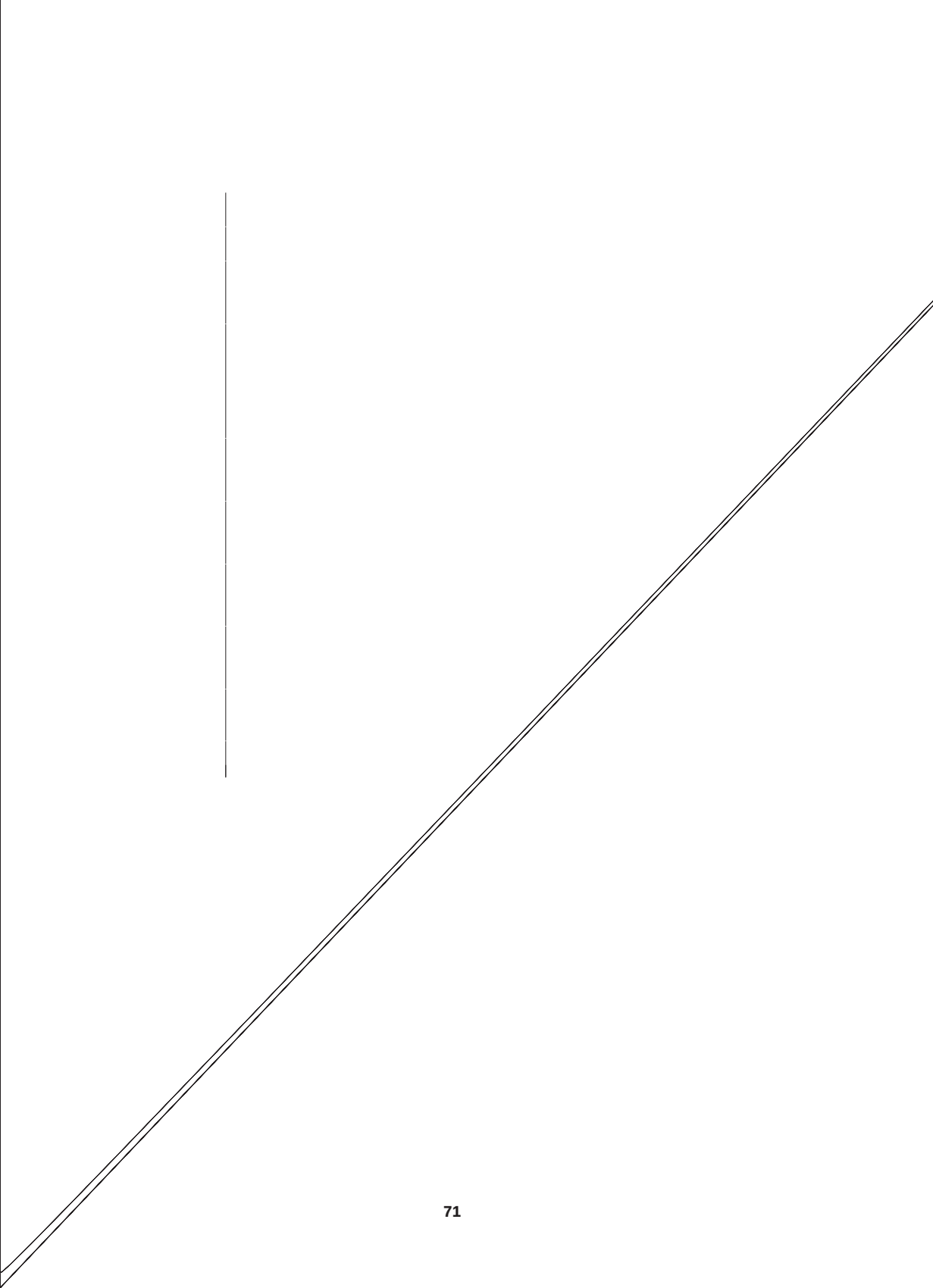
100 200 _ _	4 8
610 _ _	24
505 _ _	19-7/8
310 _ _	12-1/4

97 dB(A) K=3 dB(A)
110 dB(A) K=3 dB(A)
a = 0.4 _/ 2 K=1.5 _/ 2

230V: 092-0001	110V: 092-0002
092-0003	
092-0004	

(1.6)

N **Note :**



ATTENTION : L’ a d c

a) Les fiches électriques doivent correspondre aux prises murales.
N _ d_ _ ja_a_ a _c a c ‘a .
N’ _ _ a d’ada a d _ a c d
_ _ _ a .D _c _ d_ _
d _ c da _ _ _ _
_ d d c a_ c _ .
b) Evitez de toucher les surfaces mises à la terre, telles que les tuyaux, les radiateurs, les cuisinières et les réfrigérateurs. L _
d d c a_ c _ a_ _ _
c _ a .
c) N’exposez pas les outils électriques à la pluie ou à l’humidité. L’ a _
da _ c _ a_ _ _ d
d c a_ c _ .
d) Ne maltraitez pas le câble électrique.
N’ _ _ ja_a_ c b c _
a , _ d b a c ’ _.E _
c b d c d c a ,d _ a_ ,
d b d a c a d a _ _ b_ .
U c b d _ _a _ _ a_ _
_ d d c a_ c _ .
e) Lors de l’utilisation d’un outil électrique en extérieur, utilisez une rallonge adaptée à une utilisation extérieure. L’ _ _ a _
d’ c b ada _ _ a _ _
d_ _ _ d d c a_ c _ .
f) Lors de l’utilisation d’un outil électrique dans un environnement humide, si cela est inévitable, utilisez un disjoncteur différentiel. L’ _ _ a _ d’ d_ j c
d_ _ d _ _ d d c a_

l'interrupteur ne l'allume ou ne l'éteint pas.
T c c
a a d ' da
d a .
c) Débranchez l'outil électrique du secteur ou de la batterie avant d'effectuer un réglage, de changer un accessoire ou de ranger l'outil. D d
c d d'
d a a d ' .
d) Rangez les outils électriques que vous n'utilisez pas hors de portée des enfants et ne permettez pas aux personnes qui ne sont pas familiarisées avec ces outils de les utiliser. L c d
da a d' a
a .
e) Prenez soin de vos outils électriques.
V a d a b ,
a ' a ca
a a a a
' a . E ca d d , a a
' c a a d ' . D
b acc d ca a d
c a .
f) Maintenez les outils de coupe propres et bien aiguisés. D d c b
b a
c b d d ac
c .
g) Utilisez l'outil électrique, les accessoires et les éléments de l'outil en respectant ces instructions d'utilisation et en prenant en considération les conditions de travail ainsi que le travail à effectuer. L a d'
c da cad 'a
a c a a c c
a da .

(2.6)
5) Avertissements de sécurité générale [Entretien]
a) Faites entretenir votre outil électrique par un réparateur qualifié et n'utilisez que des pièces identiques aux pièces d'origine.
C c a a a ' c
c c .

(2.7)
CONSEIL CONCERNANT LA SANTE
ATTENTION : D a c d
d ' a d c
. S a a
da c a ca , c
da . S c
a a ac d
a a d c c d
b, d a d 'a d' .
L ba d b d
a
d a a d - .
U a d ac ,
c ac a ab c
d b. U a
b, d a b a , a ca
d d a b a c a a
. L a ba
a a a c b .

N c d d
c d a a c a a a
d d
d' . E a d c a a a
d d da
a a , c a d
d' a d
a ab d ' a d c .

VOUS DEVEZ TOUJOURS :
• T a a da d b .
• T a a c d c
, ' a a
c a c a c
c c .

(2.8)
ATTENTION : L' a d '

CONSEILS DE SECURITE SUPPLEMENTAIRES

Sécurité du câble d'alimentation principal

ATTENTION : E a d a a d c
_ , _ _ d 'a d a c _
d ac _ _ d c b d'a _ _ a _ _ c _ a .

. A - ' _ d _ d
c b d'a _ _ a _ .
. U _ _ _ d b ca
a 'a _ _ a _ _ c _ a
_ _ c acc d _ .
. N' _ _ a d'a a a _ a _ _
_ a d ' a _a _ d _
a d a a a _4 ( )7.(a) 11.9 ( )-7.USY a _ _ a-15.5a5 ( ) 8 (a)4.56 4 ( )-8.5 7.5 0 (a)0.5 ( )5.5

b a d c a ,
c c (c a d c), a
b c (ba d d c) d a .E
ca d d a , ac a c a a
a d c .
.Q a d'a d
c c aj c d c
a c c a a a
c .La d c d a b
d .

Note : D c d a
c d d ca d'aj a d a
d'a d d c
d b a c a E d c a .

ATTENTION : L a d d c
d a a d ' a
c c da c a a
c d da .La a c
a d a d a .

LIQUIDES DE REFROIDISSEMENT ET LUBRIFIANTS

L' a d d d d
d b a a d a d
c a d a a d ' .
.L d d d
d b a ,a -
' c a c b
d'a a a a .
.N a a d d d
b a da a d
a d ' .
.L ' ba
ac ca , d a d
c d d d c .
.S ' d c d
a a c b d c d a ,
a , ' a d' d
d' ac d a c a (
). S d ca d ab ca
' a d c d .L' a d
a a a a .

PREPARATION et INSTALLATION

Note : L' c a a da c
c ad a a a
.
.P a j a a a
a a d d ' .
.La ac d a a d , ,

b d , d d d
c , d a d a d b
c a ca d c d .
.V a ac d aba a
a ' b a b d
c a ca d' a a c d .
.N' a c c
a d 'a c a d'a .

ATTENTION : L a d d c
d a a d ' a c
c c da c a a
c d da .La a c
a d a d ' a .

LORS DES OPERATIONS DE COUPE

ATTENTION : L ca d c d
d a c d' a c a
a a c a d c a .
.L a a a ,
a - d c j c
c a da c
a .
.S a a a , a
d c a d d c j c
a c d b a 'a
c a .
.V d a a a d c
j c c a d c a .
D a d c c a
a d d c .
.C a a a ba
c d 'ad a a a
a .U a a c d
d a d ac
ca ' a
ba a d d ca d
d c c a j c
.P j d a d
c d d (EPI).

CHAINE OU SANGLE DE SECURITE

Note : C a a c c a
a d c a ac
d .La c

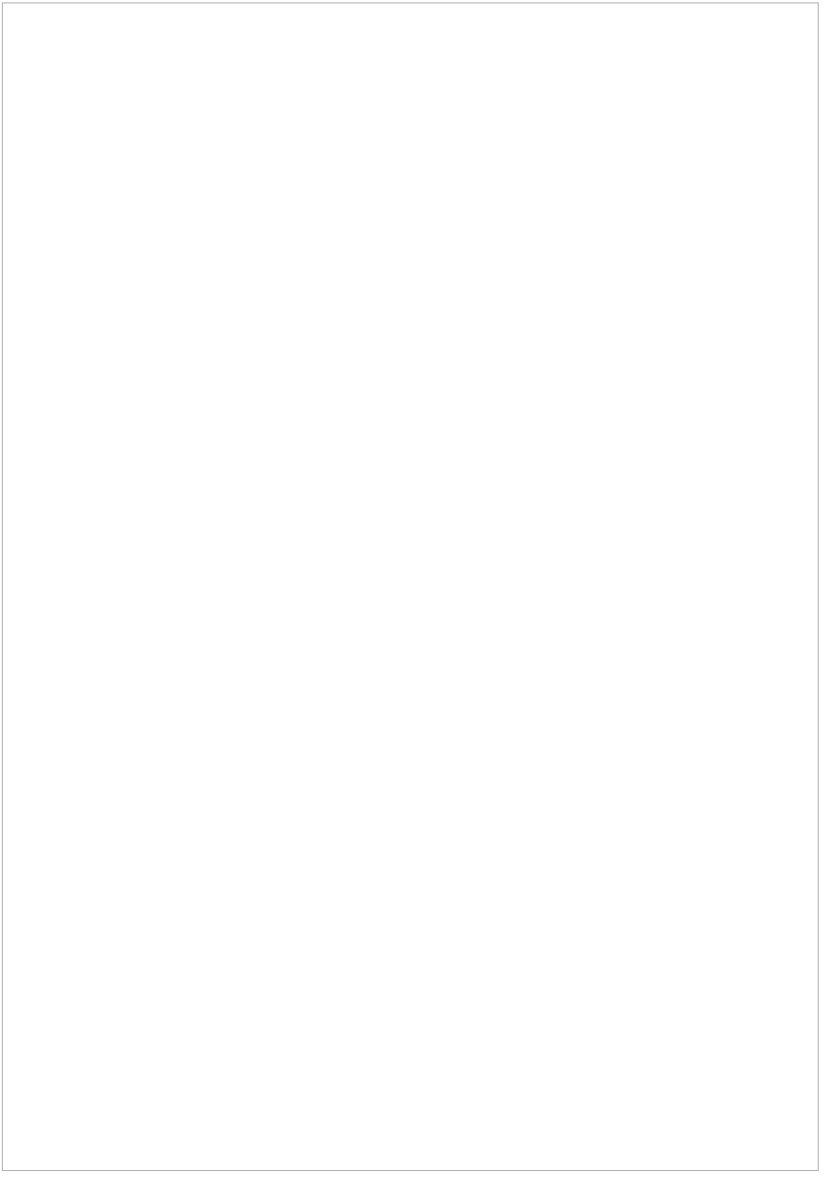
d _ c _ cc a _ _ c_ a
d ’ _ _ a _ d c _ . T
c _ d c _ d _ _ _ .

. A _ d’ _ d acc_d c
’ a , a c a_ a a _ d c _
d _ _ _ d a c .
. La c a_ a a _ d c _ _
c _ _ a_ ca d c d
c a d d_ c _ _ c _ .
. La c a_ a a _ d c _ d _
ab _ _ ’ _ a a
_ d a . La c a_ a a _
d c _ d _ _ a _ _ a _ c
_ d a _ .5 ( )-6.2 ( )-13 ( )-17.6 (a)-1( )-85 72.2 0.3 (3.5197 -643 13 (2.4 (5)-9 ( )-13.6 d)-12.7J0.-13 .-6.2 .2 0.3)-1

EVOMAG75	
Description	**Quantité**
Ma d c	1
S d d	1
Ga d -c & F a	1
C a d c	1
P da a	3
C d 8	1
C d D	1
C a a - M2.5, M4	2
B d a	1

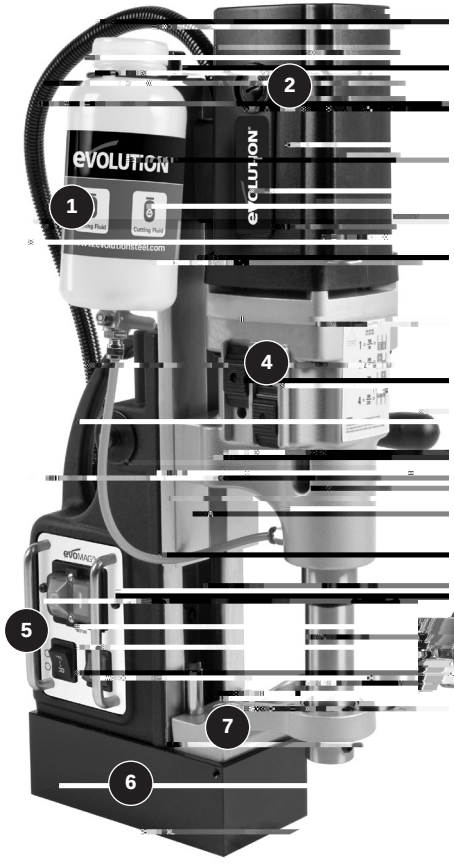
(4.3)
ACCESSOIRES SUPPLEMENTAIRES
E d a da d
a c c , acc a
d b a d a b
d'E 'ad a :

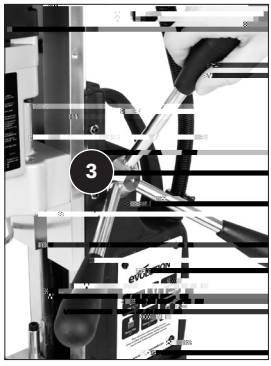
PRESENTATION DE L'OUTIL - EVOMAG50



PRESENTATION DE L'OUTIL - EVOMAG75

L d a a d c c a a d
. .c /d ad / a





1. Le Vase
2. Balais De Carbone
3. Spindle Boss & Poignées
4. Boutons De Sélection Des Vitesses
5. Basculer Le Panel
6. Base magnétique
7. Arbor Patte De Support Groupe
8. Cutter a80-1 (In)2(a80-1 (/CTc -018.2 (e2 (t))/CTcQ))/CTcQe/Span 4L63

Mac a a d
d' a .

ATTENTION : C d a c c a
c a a 'a b a a a a
a a ' ca d c a c .
Evolution Perceuses magnétiques peuvent seulement être utilisés sur l'acier non revêtu doux. Assurez-vous que la surface est exempte de peinture et de rouille lâche avant de tenter de percer.

Note : C a a c a
d d' a . L c
a c . L d c c 'a
, c c da .

. S ' d a b d a
acc c d a .

ATTENTION : D a d c d
a d ' .
. P ac ' ab d ac
a .
. F (3) d'a a a
a a ' j 'a b . **(Fig.1)**
. F a c d c d a a a c
. **(Fig.2)**
. F d .

SELECTION DE LA VITESSE

EVOMAG75

Vitesse	Hors Charge RPM	LAMES	TARAUDS
1	200/120	2 3/8 3 60_ _ 75_ _	9/16 15/16 15_ _ 24_ _
2	260/150	1 3/4 2 3/8 45_ _ 60_ _	9/16 15_ _
3	390/230	1 3/8 1 3/4 35_ _ 45_ _)	N/A
4	490/290	1 3/8 35_ _)	N/A

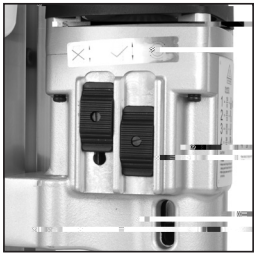


FIG. 4

.S c_ j a_ _ a a d c _ _ c
a c .
.L'_ _a_ d ab a a ' d ' _
d'_ d_ca_ d a_ c_ d
ab_ca d a a_ .

ATTENTION : N' a ja_a_ d c a_ d _ da
'a b a_ .L _ d _ _ 'a b
d _ a _ a_ a_ .

EVOMAG75

Note : I c _ _a d d c_ a_ a a d
c c ' _a c .L'E Ma 75 d_ d a (4)
_ .L77C BT/T1_0 1 T -0.01 Tc -0.01 T 1 T - E _ a (-US)/M ( )-9 _ d a 4-9 ( )-8.1 (()19.4 (4)11 ())S a La b.5

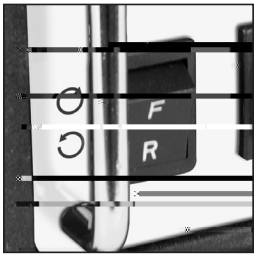


FIG. 6

a _ _ _ 'a a .
.S c _ _ a _.C c_ _ d
a a _ b_ a_ 'a a d a
a_ d' _ c a a_ d .
.S 'a _ a a .

PREPARATION

Note : C _ d _ _ _
 a d a ac a _c
_ a aba c _a _ .
L'EVOMAG75 _ a _ _ _
a a da a c _a d _ _b a a
( ). S _ _ c _ d
ab_ca d _a d _ a_
a _ d a a da .

ATTENTION : A - ' a a
b_ c _ _ c _a .U a _
a _c _ d _ a _ _a _
a _ _b d c _
d c _ da c _a .

ATTENTION : C _ c
_ _a _ da '_ _ , _a_
_ _' c a_ _a a a_ a
'ad _ a _c _ _a .
.U a _ a _c _ a _ _a c
d ' a d _ a _' _
_ _ ac _ca
_ _ _ .
.Lac a a a_ d c _ d _ b_
_ a _c _ _d a _ a
a a _ d a d ' _.
.Lac a_ a a_ d c _ d _ _
' _ a _c _ d a
' _ _ d ac _ _ d a
_c _ ca d d ac _a _ d 'a_ _a .
.Lac a_ a a_ d c _ d _
a _ _ a _a _ a a _
'a_ _a .
.Fa_ ab d a
c _ _ d a a_ _ _ a_ _
ac d 'a _ a a d c _ _ c
a _ d c .

DISTRIBUTION DU LUBRIFIANT ET DU LIQUIDE DE REFROIDISSEMENT

Note : L' _ _ a _ d' _ b d
a a _ c _ _a d a d
a b _a _ _d d
_d_ _ _
_ d ac _ d a a_ .
.R _ _ _d _ _d d
_d_ _ a c _ _d a _ .
.A - b_ a
_ _ 'ON'.
.A - a _ c _ a ,
_b d ac d _ ,d
d _ d c a_ .
.P _ _ ' _ a _c _
ac _ ' c a_ _a a a
b ba c _ .
.V _ _ ' _ b_ _ a _c _ .
.D _ _ _ b c d _d
_ _d d _d_ _ .C c_ _ ac a_
d' _d d'a_ da _ _ _ c a_
ad_ _b _ d _ _d a a_ .
.P_ c _ _ _d _ _d
d _d_ _ c _ _ c a
d_ _b _ d _ _d .
.Ba_ a d c a _c _
j ' c d d a a_ _
c a _c _ a_
_ a_ da a a_ .
.R a d c .
.R ' a _ j ' c
b _a _ _d d _d_ _ c
_b _ a _c _ .
.R_ b_ ON/OFF _
d _ _d .

Note : Da c a_ ca ' _
_ _ d c a_ , _ 'a
_ _ _b d a_ c _ _d d
_d_ _ .U _ _ da c ca d
c a _ 'a _ a d_ c _
a _c _ .I a a d c a_
d aj d a d c d ac .

ATTENTION : N aj d a d c
_ 'a '_
_ _ a _ a_ , a_ _ a a_ .

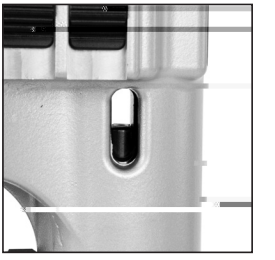


FIG. 18

ATTENTION : C ' a d' b a a .
L a (4) a
d c . L a d a c d a a da
da c d d'
b a a a . S a a da b
da , ' b a a d d c c
' a a d .

S c a da , c
c a ab ca d a d
d a c d a a da .

Conseils Généraux

. C ab a c d .

Vitesse	Hors Charge RPM	TARAUDS
1	200/120	9/16 15/16 15 24
2	260/150	9/16 15
3	390/230	N/A
4	490/290	N/A

. U c a
a - a da a a d c c
' a d a a da .

AJUSTAGE DES CALES
(

DÉCLARATION CE DE CONFORMITÉ

Le fabricant du produit couvert par cette déclaration est.:

E P T , V O , L ac C , H b I d a E a , S d, S20 3FR.

L ab ca d c a a a a ac c d a da c d c a a c CQB2E 13 (,8( )-1

CE

Détails sur le Produit

B a d:	E
N d d :	EVOMAG28
D c :	