

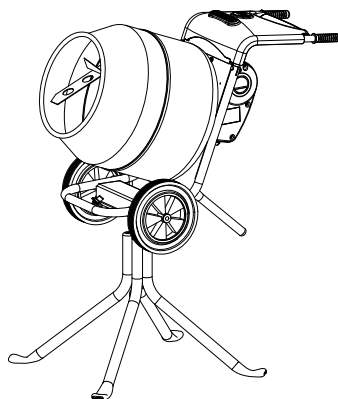


GB Operators Manual

4



MINIMIX ***150***



- Spare Parts Book

14

EC DECLARATION OF CONFORMITY / DECLARATION CE DE CONFORMITE / DECLARACIÓN DE CONFORMIDAD CE / DECLARAÇÃO CE DE CONFORMIDADE / EG-VERKLARING VAN OVEREENSTEMMING / EF OVERENSSTEMMELSESERKLÆRING

(GB)

We, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, hereby certify that if the product described within this certificate is bought from an authorised Belle Group dealer within the EEC, it conforms to the following EEC directives: 98/37/EC (This directive is a consolidation of the original machinery directive 89/392/EEC), Electromagnetic Compatibility Directive 89/336/EEC (as amended by 92/31/EEC & 93/68 EEC). The low voltage directive 73/23/EEC, BS EN ISO 12100-1:2003 Safety of machinery and associated harmonised standards, where applicable. Noise emissions conform to directive 2000/14/EC Annex VI, for machines under article 12 the notified body is **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.
Noise Technical Files are held at the Belle Group Head Office address which is stated above.

(F)

Nous soussignés, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, certifions que si le produit décrit dans ce certificat est acheté chez un distributeur autorisé Belle Group au sein de la CEE, il est conforme aux normes CEE ci-après: 98/37/CE (Cette norme est une codification des normes de la machine d'origine 89/392/CEE), Norme compatible pour l'électromagnétisme 89/336/CEE (modifié par 92/31/CEE et 93/68/CEE). Caractéristiques basse tension 73/23/CEE, BS EN ISO 12100-1:2003, Norme de sécurité des machines et des critères associés et configurés, si applicable. Les émissions de bruit sont conformes à la directive 2000/14/CE Annexe VI pour machines, article 12, l'objet mentionné est **AV Technology Limited, AVTECH House, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.

Les dossiers techniques sur les émissions sonores des machines sont détenus au siège social de BELLE GROUP à l'adresse ci-dessus.

(E)

La Sociedad, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK 17 0EU, GB**, por el presente documento certifica que si el producto descrito en este certificado es comprado a un distribuidor autorizado de Belle Group en la CEE, este es conforme a las siguientes directivas: 98/37/CE de la CEE (Esta directiva consolida la directiva inicial sobre maquinaria 89/392/CEE), Directiva 89/336 CEE sobre Compatibilidad Electromagnética (según enmiendas 92/31/CEE y 93/68 CEE), Directiva sobre Bajo Voltaje 73/23/CEE, BS EN ISO 12100-1:2003 de Seguridad de Maquinaria y Niveles armonizados estándares asociados donde sean aplicables. Emisión de Ruidos conforme a la Directiva 2000/14/CE Anexo VI para máquinas bajo artículo 12 la mencionada unidad está **AV Technology Limited, AVTECH House, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.

En La Sede Central de Belle Group existen Archivos Técnicos con contenido referente a Niveles de Ruido.

(P)

O signatário, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK 0EU, GB**, pelo presente, declara que se o produto descrito neste certificado foi adquirido a um distribuidor autorizado do Belle Group em qualquer país da UE, está em conformidade com o estabelecido nas seguintes diretivas comunitárias: 98/37/EC (esta directiva é uma consolidação da directiva de maquinaria original 89/392/EEC), Directiva de Compatibilidade Electromagnética 89/336/EEC (conforme corrigido pelas 92/31/EEC & 93/68 EEC). A directiva de baixa voltagem 73/23/EEC, BS EN ISO 12100-1:2003 Segurança da maquinaria e às normas harmonizadas afins se aplicáveis. As emissões de ruído respeitam e estão dentro das directivas para máquinas 2000/14/EC Anexo VI, artigo 12, sendo o organismo notificado **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.

A informação técnica sobre níveis sonoros está disponível na Sede da Belle Group na morada acima mencionada.

(NL)

Ondergetekende, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, verklaren hierbij dat als het product zoals beschreven in dit certificaat is gekocht van een erkende Belle Group dealer binnen de EEG, het voldoet aan de volgende EEG richtlijnen: 98/37/EC (Deze richtlijn is een opvolger van de originele Machineryrichtlijn 89/392/EEG), Electromagnetische Compatibiliteit Richtlijn 89/336/EEG (geamendeerd door 92/31/EEG & 93/68 EEC). De Laagspannings Richtlijn 73/23/EEC, BS EN ISO 12100-1:2003 Veiligheid van Machines en hieraan gekoppelde geharmoniseerde Standaarden, waar deze van toepassing is. Rumor emissies passen voor richtlijn EC Zijgebouw VI, voor toestel onder stuk 12 naar de notified troep zit **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.

Worden de Technische Dossiers van het lawaai gehouden op het adres van het Hoofdkantoor van de Groep Belle dat hierboven ' wordt verklaard.

(DK)

Vi, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, erklærer hermed, at hvis det i dette certifikat beskrivne produkt er købt hos en autoriseret Belle Group forhandler i EU, er det i overensstemmelse med følgende EØF-direktiver: 98/37/EF, 73/23/EØF (som ændret ved 93/68/EØF), 89/336/EØF (som ændret ved 92/31/EØF), 93/68/EØF og tilknyttede, harmoniserede standarder, hvor relevant. Støjniveauet er i overensstemmelse med direktiv 2000/14/EF, bilag VI gældende for maskiner under paragraf 12. Det bemyndigede organ er **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, Storbritanien**.

De tekniske støjspecifikationer forefindes på Belle Group's hovedkontor, adressen er skrevet ovenfor.

PRODUCT TYPE	TYPE DE PRODUIT.....	TIPO DE PRODUCTO	TIPO DE PRODUCTO
MODEL.....	MODELE.....	MODELO	MODELO.....
SERIAL No.....	N° DE SERIE.....	N° DE SERIE	NO. DE SÉRIE
DATE OF MANUFACTURE.....	DATE DE FABRICATION	FECHA DE FABRICACIÓN..	DATA DE FABRIC
SOUND POWER LEVEL MEASURED (GUARANTEED).....	NIVEAU DE PUISSANCE SONORE MESUREE (GARANTIE).....	NIVEL DE POTENCIA ACÚSTICA MEDIDO (GARANTIZADO).....	NIVEL DE POTÊNCIA DE SOM MEDIDO (GARANTIDO).....
WEIGHT.....	POIDS	PESO	PESO
PRODUCTTYPE	PRODUKTTYPE.....		
MODEL.....	MODEL		
SERIENUMMER.....	SERIENR		
FABRICAGEDATUM.....	FREMSTILLINGSDATO		
GEMETEN GELUIDSTERKTE NIVEAU (GEGARANDEERD).....	LYDEFFEKTNIVEAU MÅLT (GARANTERET).....		
GEWICHT.....	VÆGT		



Signed by:

Signature:

Medito por:

Assinado por:

Getekend door:

Underskrevet af:

Ray Neilson

Managing Director - On behalf of BELLE GROUP (SHEEN) UK.

Le Directeur Général - Pour le compte de la SOCIETE BELLE GROUP (SHEEN) UK.

Director Gerente - En nombre de BELLE GROUP (SHEEN) UK.

Director-Geral - Em nome de BELLE GROUP (SHEEN) UK.

Algemeen Directeur - Namens BELLE GROUP (SHEEN) UK.

Administrerende direktør - På vegne af BELLE GROUP (SHEEN) UK.

EGKONFORMITÄTSEKTLÄRNING / DICHIARAZIONE CE DI CONFORMITÀ /
EG-VERKLÄRUNG VAN OVEREENSTEMMING /
EC SAMSVARSEKTLÄRNING / EY-YHDENMUKAISUUSILMOITUS / DEKLARACJA
ZGODNOSCI Z PRZEPISAMI UE

(D) Wir, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, Großbritannien**, bestätigen hiermit, dass das in diesem Zertifikat beschriebene Produkt, wenn es von einem autorisierten Belle Group Händler innerhalb der europäischen Gemeinschaft gekauft wurde, folgenden EG-Richtlinien entspricht: 98/37/EG, 73/23/EG (geändert durch 93/68/EG), 89/336/EG (geändert durch 92/31/EG), 93/68/EG und, wenn zutreffend, den harmonisierten Normen. Geräuschemissionen entsprechen der Richtlinie 2000/14/EG, Anhang VI, für Maschinen unter Artikel 12: die benannte Stelle ist **AV Technology Limited, AVTECH House, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.
Geräuschtechnische Dokumente stehen in unserer Zentrale unter obig angegebener Adresse zur Verfügung.

(I) Il Gruppo **Belle Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, certifica che il prodotto descritto nel presente certificato è acquistato da un concessionario autorizzato del gruppo Belle nell'ambito CEE e che è pienamente conforme alle seguenti direttive CEE: 98/37/EC, 73/23/EEC (emendamento 93/68/CEE), 89/336/EEC (emendamento 92/31/EEC), 93/68/CEE e relativi standard armonizzati. Livelli acustici sono in conformità con la direttiva 2000/14/EC Annex VI per macchine coperte dall'articolo 12. L'ente di riferimento è **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.
Dati tecnici relativi ai livelli acustici sono disponibili su richiesta dalla sede madre Belle Group al sopra citato indirizzo.

(S) Undertecknade, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, Storbritannien**, intygar härmed att en produkt beskriven i detta certifikat som förs från en godkänd Belle Group återförsäljare inom EU stämmer överens med följande EG-direktiv: 98/37/EG, 73/23/EG (ändrad genom 93/68/EEC), 89/336/EG (ändrad genom 92/31/EG), 93/68/EEG och tillhörande harmoniserade standarder i tillämpliga fall. Buller nivån överensstämmer med Direktiv 2000/14/EC Bilaga VI gällande maskiner under artikel 12, den aviserade organisationen är **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, Storbritannien**.
Teknisk dokumentation vad gäller test av maskiners ljud/bullernivå finns dokumenterad hos Belle-Groups huvudkontor i Sheen, England.

(NO) Vi, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, bekrefter med dette at det produkt som står beskrevet i denne erklæringen er kjøpt fra en autorisert Belle Group forhandler innen EØF, og at det oppfyller følgende direktiver: 98/37/CE dette direktivet er et sammendrag av det opprinnelige maskindirektiv 89/392/EØF. Det elektromagnetisk kompatibilitets-direktiv 89/336/EØF (som endret av 92/31/EØF og 93/68/EØF). Lavspenningsdirektiv 73/23/EØF, BS EN ISO 12100-1:2003, Sikkerhet til maskineri og tilhørende harmoniserte standarder, hvor aktuelt. Støyemisjon er i samsvar med direktiv 2000/14/EC, vedlegg VI, for maskiner. Organet som skal informeres under artikkel 12 er **AV Technology Limited, AVTECH House, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.
Lydtekniske filer er arkivert hos Bell Group Hovedkontor med adresse som nevnt ovenfor.

(SF) Me, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB**, ilmoitamme täten, että jos tässä todistuksessa kuvattu tuote on ostettu valtuutetulta Belle Groupin myyjältä ETY:n alueella, se on yhdenmukainen seuraavien ETY-direktiivien kanssa: 98/37/EY (Tämä direktiivi on yhdistelmä alkuperäisestä koneidirektiivistä 89/392/EY, sähkömagneettisen yhteensopivuuden direktiivistä 89/336/EY, korjauksineen 92/31/EY ja 93/68/EY), matalajännitedirektiivistä 73/23/EY, koneiturvallisuusstandardista BS EN ISO 12100-1:2003 ja siihen liittyvistä yhdenmukaistetuista standardeista, tapauksen mukaan. Melumittaus mittaus on laadittu direktiivin 2000/14/EC Kohdan VI artiklan 12 mukaisille koneille mukaan. Mittauksen suorittaja on **AV Technology Limited, AVTECH House, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, GB**.
Melumittausten teknilliset arvot ovat saatavana Belle Group pääkonttorin ylläolevasta osoitteesta.

(PL) My, **Belle Group Sheen UK, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, Wielka Brytania**, niniejszym poświadczamy, iż produkt opisany w tym świadectwie został zakupiony od autoryzowanej Belle Group w UE i jest zgodny z następującymi dyrektywami EU: 98/37/EC (ta dyrektywa to konsolidacja oryginalnej dyrektywy na temat maszyn 89/392/EEC), Dyrektywa zgodności elektromagnetycznej 89/336/EEC (z poprawkami wniesionymi przez 92/31/EEC oraz 93/68/EEC), Dyrektywę w sprawie niskich napięć 73/23/EEC, BS EN ISO 12100-1:2003 Bezpieczeństwo maszyn i związane normy harmonizacyjne, tam gdzie to ma zastosowanie. Poziom hałas jest zgodny z Dyrektywą 2000/14/EC Załącznik VI, organizacja zawiadamiana (odnośnie zgodności) to **AV Technology Limited, AVTECH house, Birdhall Lane, Cheadle Heath, Stockport, Cheshire, SK3 0XU, Wielka Brytania**.
Informacje Techniczne dotyczące poziomu hałasu są przechowywane w Belle Group – adres powyżej.

PRODUKTTYP.....	TIPO PRODOTTO	PRODUKTTYP.....	PRODUKTTYP.....
MODELL	MODELLO	MODELL.....	MODELL
SERIENNR.....	SERIE N°	SERIE NR.	SERIE NR.
HERSTELLUNGSDATU	DATA DI FABBRICAZIONE..	TILLVERKNINGSDATUM....	PRODUKSJONS DATO
SCHALLLEISTUNGSPEGEL GEMESSEN	LIVELLO POTENZA SONORA MISURATA	LJUDSTYRKA UPPMÄTT.....	LYDKRAFTNIVÅ MÅLT
(GARANTERT).....	(GARANTITA)	(GARANTERAD).....	(GARANTERT)
GEWICHT.....	PESO	VIKT.....	VEKT.....
TUOTETYYPI.....	TYP PRODUKTO		
MALLI.....	MODEL		
VALMISTUSNRO.....	Nr SERII		
VALMISTUSPÄIVÄ.....	DATAPRODUKCI		
ÄÄNENVOIMAKKUUDEN TASO MITATTU.....	POZIOM MOCY DŹWIĘKU ZMIERZONY		
(TAAJTU)	(GWARANTOWANY).....		
MASSA.....	WAGA		



Unterzeichnet von:
Firmato da:
Undertecknat:
Signatur:
Allekirjoitus:
Podpisa:

Ray Neilson

Generaldirektor – Im auftrag von BELLE GROUP (SHEEN) UK.
Amministratore Delegato – Per conto di BELLE GROUP (SHEEN) UK.
V.D. – På vägnar av BELLE GROUP (SHEEN) UK.
Managing Director – På vegne av SOCIETE BELLE GROUP (SHEEN) UK.
Toimitusjohtaja - BELLE GROUP (SHEEN) UK: n puolesta.
Dyrektor Zarządzający – w imieniu BELLE GROUP (SHEEN) UK



Introduction

Congratulations on your purchase of this quality concrete mixer from the Belle Group Range.

This machine is manufactured to conform to the EEC directives currently in force, is issued with a Declaration of Conformity and therefore displays the CE mark, applicable in territories where they are enforced. Retain this manual with your machine for future reference.

SAFETY AND ACCIDENT PREVENTION

Operation Instructions

All persons who apply, assemble, operate, start, control, maintain or repair this machine, must read and understand the operating instructions.

Owner Responsibility:

The owner must ensure that only qualified persons operate, maintain or repair this machine.

STORAGE

When not in use, store in a dry, locked place. Keep away from children.

Operation for the Intended Purpose :

Mixers are intended for the production of concrete, mortar and plaster. The mixer must be used for its intended purposes and is not suitable for the mixing of flammable or explosive substances. The mixers must not be used in an explosive atmosphere.

MAINTENANCE AND REPAIRS

When maintaining this machine only the manufacturers original replacement parts may be used.

The user will lose any possible claims if replacement parts used are other than the makers original replacement parts.

Only authorised persons should repair the mixer, and within the requirements of the CE mark (where applicable), where no deviation to the original specification must take place.



CAUTION

Any maintenance and repairs carried out, to any of the electric components must be undertaken by a qualified electrician.



WARNING



WARNING

Before you operate or carry out any maintenance on this machine **YOU MUST READ** and **STUDY** this manual.

KNOW how to safely use the unit's controls and what you must do for safe maintenance.

(Be sure that you know how to switch the machine off before you switch on, in case you get into difficulty.)

ALWAYS wear or use the proper safety items required for your personal protection.

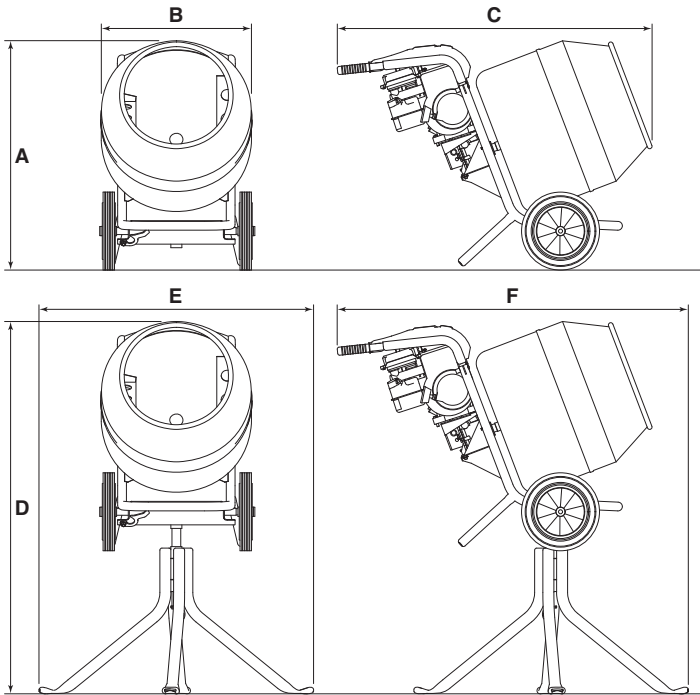
If you have **ANY QUESTIONS** about the safe use or maintenance of this unit, **ASK YOUR SUPERVISOR OR CONTACT THE BELLE GROUP +44 (0)1298 84606**



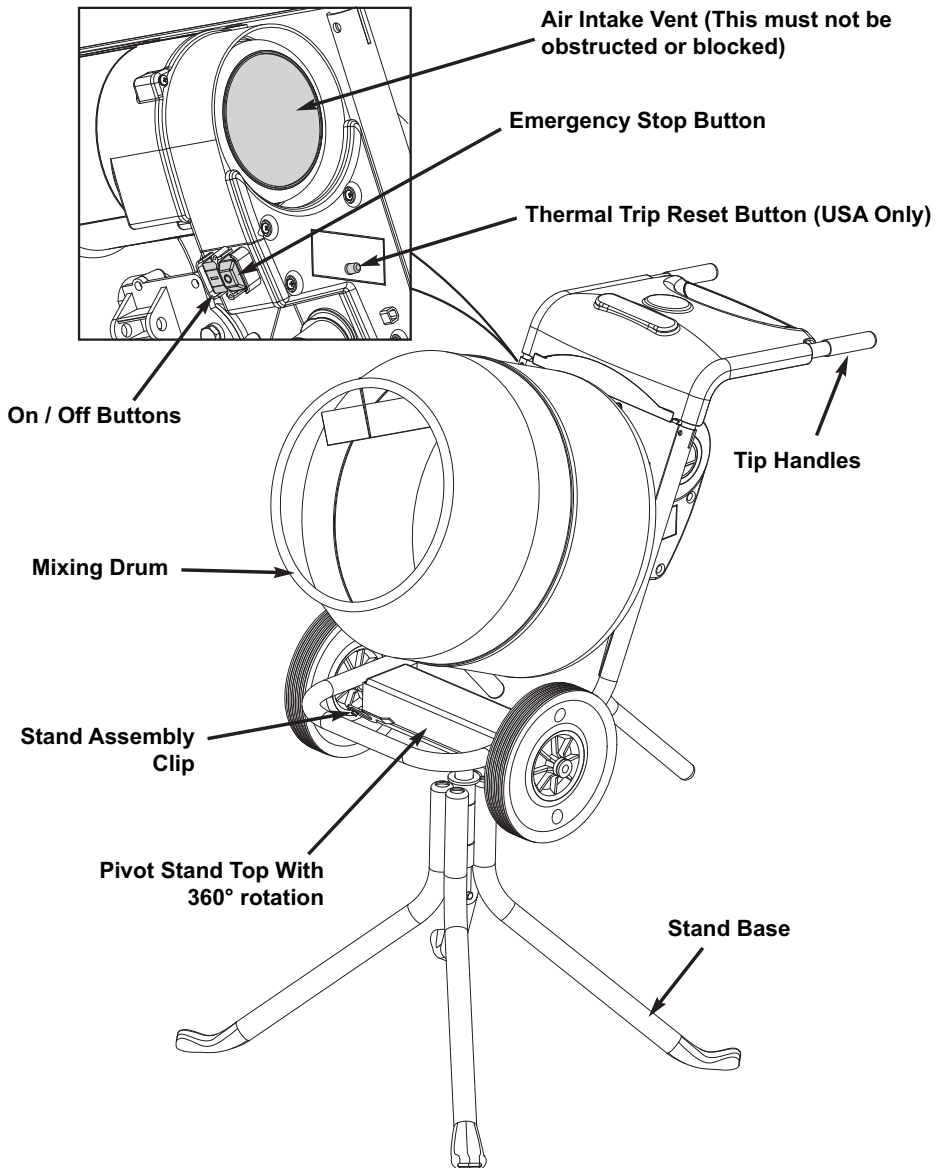
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Belle Group reserves the right to change machine specification without prior notice or obligation.



All Models		Minimix 150			
A - Height (Off Stand)		890 mm			
B - Width (Off Stand)		597 mm			
C - Length (Off Stand)		1211 mm			
D - Height (On Stand)		1432 mm			
E - Width (On Stand)		1056.5 mm			
F - Length (On Stand)		1227 mm			
Electric Models	110v 50Hz	230v 50Hz	230v 60Hz	415v 50Hz	
Unladen Weight	55.5 Kg	55 Kg	55 Kg	57 Kg	
Stand Weight	9.5 Kg	9.5 Kg	9.5 Kg	9.5 Kg	
Maximum Drum Capacity	130 ltr	130 ltr	130 ltr	130 ltr	
Maximum Mixing Capacity	90 ltr	90 ltr	90 ltr	90 ltr	
Drum speed (RPM)	24	24	24	24	
Nominal Voltage	110v	230v	230v	415v	
Nominal Current	5.0amp	2.6amp	3.0amp	1.0amp	
Nominal Power	0.55 kW	0.55 kW	0.6 kW	0.55 kW	
Current Frequency	50Hz	50Hz	60Hz	50Hz	
Motor R.P.M.	2850	2850	3480	2780	
Protective System	IP45	IP45	IP45	IP45	
Power Consumption	550 W	550 W	670 W	550 W	
Sound Power Level	84 dB(A)	84 dB(A)	84 dB(A)	84 dB(A)	
Petrol Models	Briggs & Stratton	Honda GXH50	Honda GX120	Robin EH09DU	
Unladen Weight	60.5 Kg	53.5 Kg	61 Kg	60.5 Kg	
Stand Weight	9.5 Kg	9.5 Kg	9.5 Kg	9.5 Kg	
Maximum Drum Capacity	130 ltr	130 ltr	130 ltr	130 ltr	
Maximum Mixing Capacity	90 ltr	90 ltr	90 ltr	90 ltr	
Drum speed (RPM)	24	24	5 - 24	24	
Engine Model	2.4hp Vanguard	GXH 50	GX120	EH09	
Fuel Type	Petrol	Petrol	Petrol	Petrol	
Nominal Power	1.8 kW	1.8 kW	2.9	2.1 kW	
Sound Power Level	92 dB(A)	92 dB(A)	92 dB(A)	92 dB(A)	



Before starting the mixer

- ⚠ Ensure engine oil is filled to correct level before operating mixer. **Note:** The engine must be lifted to the horizontal position when filling and checking oil.
- ⚠ Check that all guards are in position and correctly fitted.
- ⚠ **DO NOT** wear loose clothing or jewellery that may become entangled in the workings of this machine.
- ⚠ Suitable clothing as follows should meet relevant EEC/local safety standards: overalls, work boots, goggles, face mask, gloves and ear defenders etc.
- ⚠ **DO NOT** tip mixer onto the drum mouth when motor is running.
- ⚠ Ensure that any trailing cable is protected against damage and not liable to be tripped over or trapped underneath the mixer.
- ⚠ **We recommend the use of an Residual Current Device on 230v electrics.**
- ⚠ Remove all packaging material before operating.

When operating the mixer

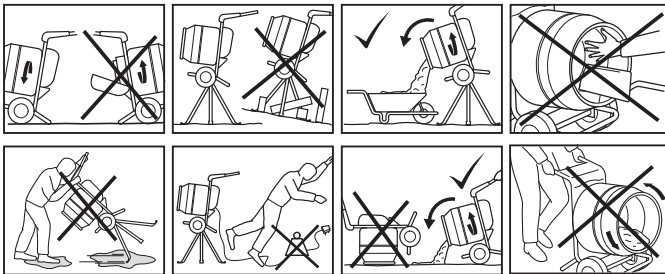
- ⚠ Keep unauthorised persons away from mixing drum.
- ⚠ Keep area around the mixer clear of obstructions which could cause persons to fall onto moving parts.
- ⚠ Always ensure mixer is on level ground before mixing.
- ⚠ **DO** become familiar with the controls before operating this machine.
- ⚠ **DO** ensure that all guards are fitted in the correct position.
- ⚠ **DO** ensure plenty of ventilation when running diesel/petrol engines in a confined area.
- ⚠ **DO** replace any worn/damaged warning decals.
- ⚠ **DO** ensure the drum is rotating while emptying the mixer.
- ⚠ **DO** always switch off and remove the plug from the socket if leaving the machine unattended.
- ⚠ **DO NOT** use as a wheel barrow. Disconnect from power supply before moving.
- ⚠ **BEWARE** of the Danger Zones & Hot Zones.
- ⚠ **BE AWARE** of exhaust venting directions.

Emergency Stop

If you have to turn off the mixer in a emergency you must: Electric: either turn off at switch or at the mains, Petrol: turn the engine switch off, see engine manual.

Fire Fighting

If your mixer catches fire, turn off the electric supply. Using a dry powder or CO2 fire extinguisher put out the fire. If the fire can not be put out, keep away and call the fire brigade. If you are in any doubt about the safety condition of your machine, please contact your Belle authorized Service Dealer.



Warning - Important

Should the socket outlets in your home not be suitable for the plug supplied with your product, the plug must be removed (cut-off if it is a moulded plug and disposed of) and an appropriate plug fitted. Follow wiring instructions carefully. Do not connect either core to the earth pin, as this is a Class II Isolated Product.

BLUE = NEUTRAL & BROWN = LIVE

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black. The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

Warning Decals



Warning!



Caution Taken When Handling.



Wear Ear Protection.



Fire and Explosive Risk.



Wear Eye Protection.



Wear Protective Footwear.



Read Operators Manual.



Do Not Hang.



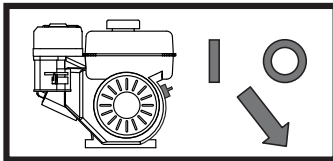
This Way Up.



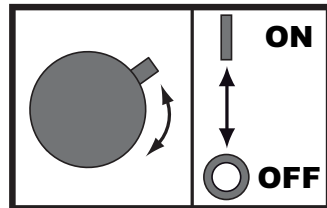
Only Stack 3 High.

STACK

Honda GX120 Engine Only:-



**Position Of The Engine
Emergency Stop Switch.**



**Emergency Stop Switch
Operating Instructions.**

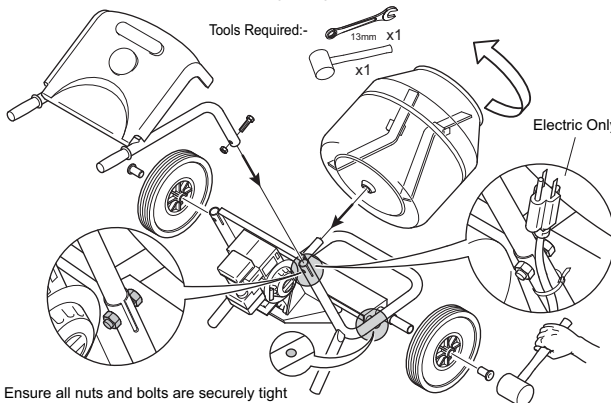
Assembly Instructions

Ensure drum fits right up to the shoulder on the shaft. Do not spin on fast as this may damage the gearbox

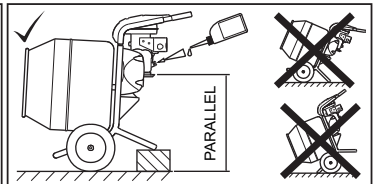
Tools Required:-



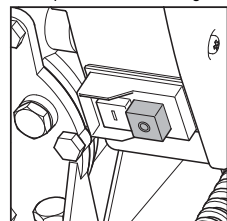
Electric Only



Ensure all nuts and bolts are securely tight

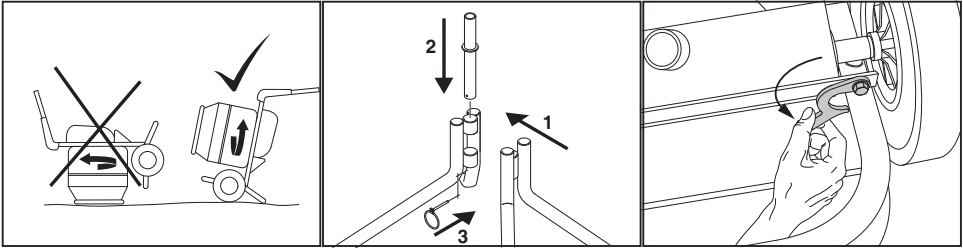


Please Note: Supplied with no oil in petrol engine
use bottle provided for initial engine fill

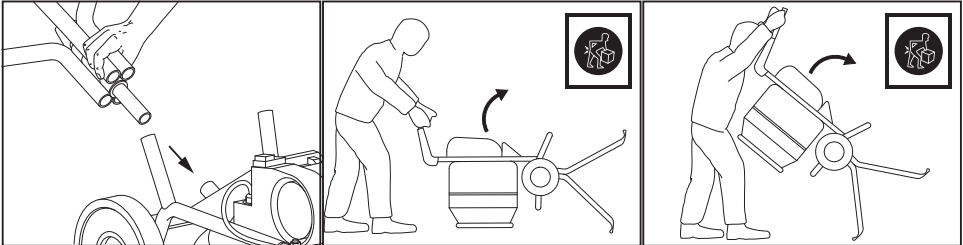


**Emergency Stop Button
(Electric Only)**

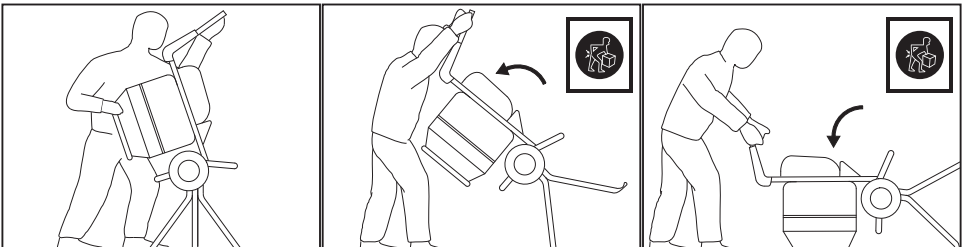
Stand Assembly



DO NOT Tip mixer onto drum mouth when the motor is running

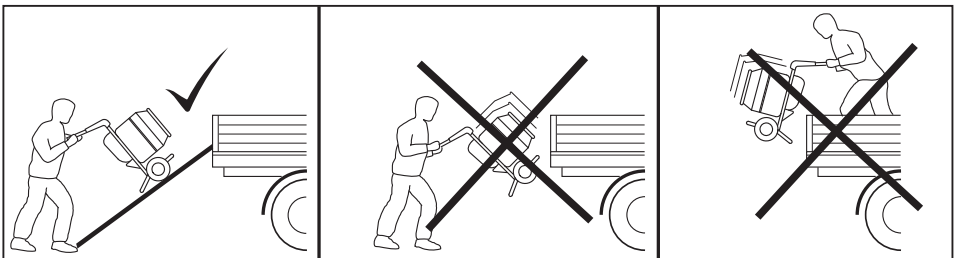


CAUTION whilst rotating the mixer up into the stand position, always lift from the front of the mixer.



NOTE: When ready for dismantling the mixer after use, follow all the previous procedures but in reverse order. Ensure Stand Clip is located correctly onto frame.

Loading and Unloading



CAUTION

Never remain under or in the immediate vicinity of the machine when it is lifted by a crane. Only use marked lifting points. Always make sure that all lifting devices are dimensioned for the weight of the products.

Before starting any maintenance or repairs, switch off motor, and isolate from the main power supply.

On completion of maintenance, check that the mixer functions correctly and that all guards are correctly fitted.

ELECTRIC MIXER

All portable electric appliances are dangerous if abused. This machine will only operate on one voltage. Check the power supply to ensure it corresponds to the voltage as indicated on the rating label.

Make sure that the motor is switched off before you plug it into the power supply.

230v - Always use a Residual Current Device ("RCD"), (earth leakage trip), plugged directly into the 230v socket. If using an extension cable, plug it directly into the RCD.

110v - When using a portable transformer it must have a minimum output of 2.5kw and to continuous rated. Always use an RCD between the 230V supply and the portable transformer.

The symbols on the ON/OFF switch are 0 (Red) = OFF and I (Green) = ON in accordance with international standards.



WARNING

DO NOT use an extension cable between the transformer and the power supply. Always ensure that the cable between the 110v mixer and transformer is a minimum length of 3 metres. Ensure cable is fitted with cable clip to the mixer frame at all times.

EXTENSION CABLES

If you need to use an extension cable it must be no longer than 30 metres (100 feet) in length. The wire section must be 1.5mm² on 230v and 2.5mm² on 110v. Ensure that the extension cable is carefully laid out avoiding liquids, sharp edges and places where vehicles might run over it. Avoid allowing the extension cable to be trapped underneath the mixer. Unroll it fully or it will overheat and could catch fire. Make sure that any extension cable connections are dry and safe.

THERMAL PROTECTION DEVICE

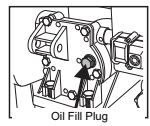
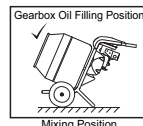
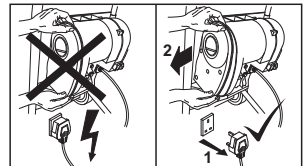
The Electric motor is fitted with a Thermal Protection Device. Should circumstances arise where this activates, the motor will stop. Once the thermal trip resets itself the motor will be able to be restarted at the on/off switch. The thermal trip reset time could vary from 2 minutes to 10 minutes.

COMBUSTION ENGINES

Check oil regularly, level engine up when doing so. For Initial engine fill or top up use a suitable engine oil of a 10W/30 grade. In your own interests read the makers instruction leaflet issued with the machine before starting up.

If the safety facilities are damaged or don't function correctly the mixer must not be used. Be aware of exhaust venting directions, all exhausts vent to the left hand side of the machine. To maintain correct lubrication the mixer must always be opened on level ground. Always read the engine manufacturers manual before starting the engine. Ensure plenty of ventilation when running the gasoline engines in a confined area. Beware of hot parts.

NOTE:- ONLY HONDA GX120 VARIANTS HAVE A VARIABLE THROTTLE. SEE ENGINE MANUAL FOR MORE DETAILS.



CLEANING

Wipe off any external material. **DO NOT** use petrol, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquids near the engine/motor. Use 1" gravel and clean water to clean the inside of the drum. **DO NOT** use bricks etc. as this will damage the drum.

FRAME

The hole on the underside of the frame is to drain away any water.

BELT



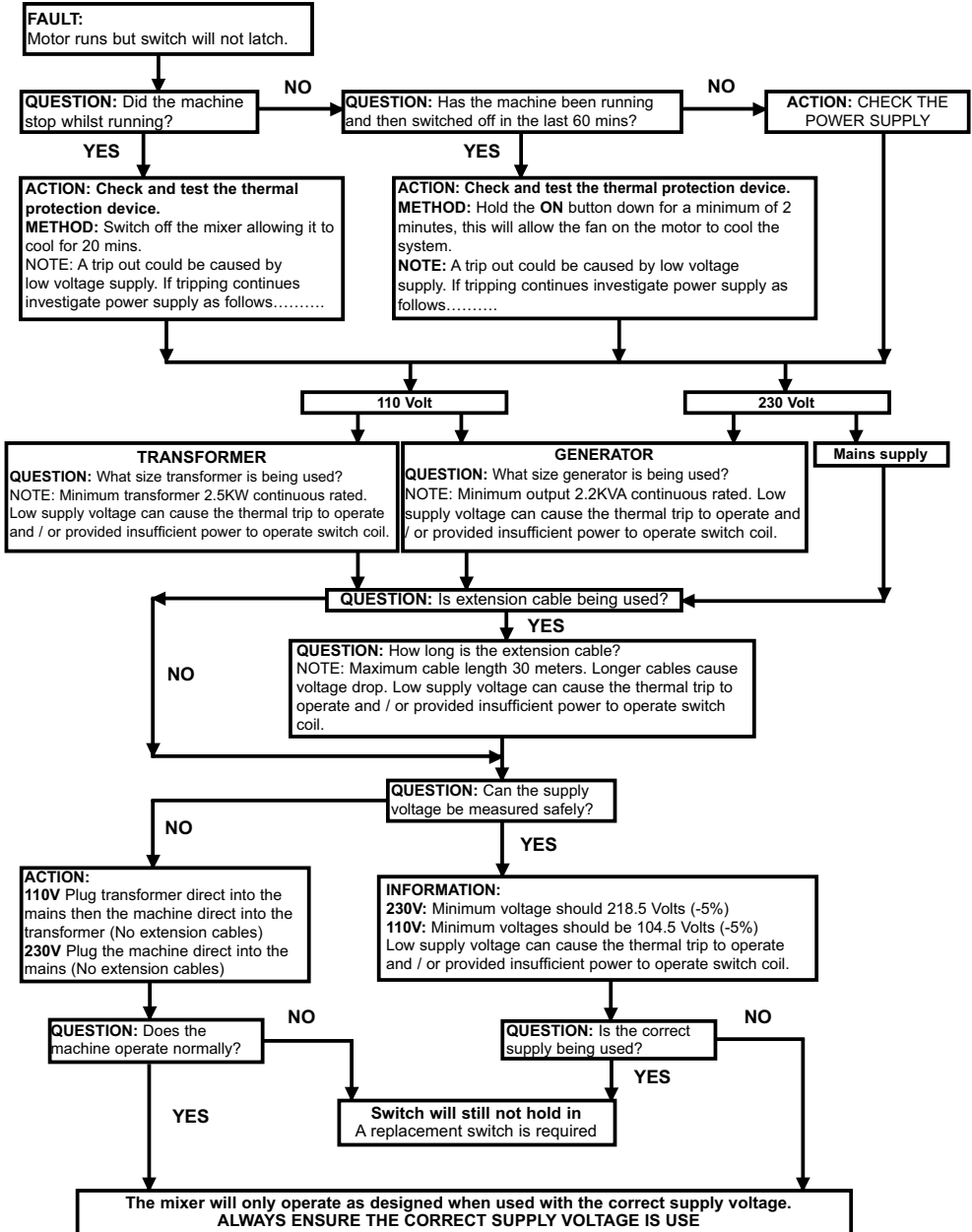
WARNING

All Belle mixers Electric/Petrol are fitted with a preset tensioned toothed belt. No adjustment is necessary. **DO NOT** try to adjust with the motor running. Ensure the extension lead is always unplugged before the motor cover is removed.

GEARBOX

The factory has preset the gearbox oil level. Before inspecting the gearbox oil level, make sure the gearbox is cold before removing the filler plug. Top up with EP90 or similar gear oil in the mix position to the level of the filler plug.

Switch Check Flow-Chart





Mixing Hints

Mix Ratios

The correct mix ratio (cement:sand:stone) depends on the type of application; harder concrete requires more cement, rougher applications require more aggregate. The ratios given below are guidelines: best proportions may depend on the quality of sand/stone used.

First put in the water - around 7 litres (1½ gallons), using more or less depending on the type of mix required. Add some aggregate before adding cement, to avoid sticking. Work consistently to the ratio of ingredients for whatever type of concrete mix you are working to.

Getting A Good Mix

The approximate mixing time for concrete is 2-4 minutes from when all the material (including the water) has been added - over-mixing can reduce strength and cause segregation of the coarser aggregates.

Beware of low grade aggregates; these will only lead to trouble later on with sinking and frost spoiling the appearance of the pour. Also do not get the concrete mix too wet as this can reduce strength and make it less able to withstand weathering.

Looking After Your Mixer

Never throw material into the mixer - trickle it steadily over the rim or it will stick firmly to the back of the drum and can only be dislodged by stopping the mixer.

Keep your mixer clean - material left in the drum will harden, and attract more on each use until the mixer is useless.

Do not throw bricks into a mixer drum to clean it out. The best method is a mix of 1" (2½cm) gravel and clean water - use plenty of it, as this will do the job in half the time.

APPLICATIONS	QUANTITIES		
	CEMENT	SAND	STONE
MOST ORDINARY	1	2	4
FOUNDATIONS	1	3	6
ROUGH MASS CONCRETE	1	4	8
WATERTIGHT FLOORS,TANKS PITS ETC.	1	1.5	3



Warranty

Your new Belle Group Minimix 150 is warranted to the original purchaser for a period of one-year (12 months) from the original date of purchase. The Belle Group warranty is against defects in design, materials and workmanship.

The following are not covered under the Belle Group warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than Belle Group or their recognised agents.
3. Transportation or shipment costs to and from Belle Group or their recognised agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

The following components are not covered by warranty.

- Drive Belt
- Engine air filter
- Engine spark plug

Belle Group and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

Warranty Claims

All warranty claims should firstly be directed to Belle Group, either by telephone, by Fax, by Email, or in writing.

For warranty claims:

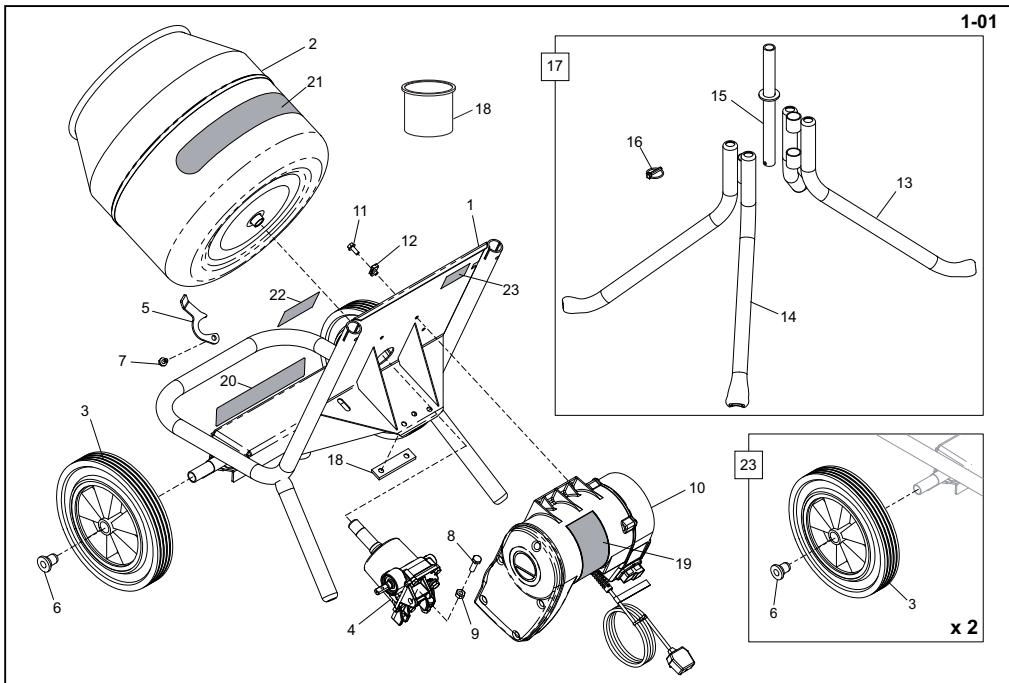
Belle Group Warranty Department,
Sheen, Nr. Buxton
Derbyshire
SK17 0EU
England.

Tel : +44 (0)1298 84606,

Fax : +44 (0)1298 84722

Email : warranty@belle-group.co.uk





Frame Assembly, Ensemble Châssis, Cjto. Estructura, Montagem do Estrutura

1-01

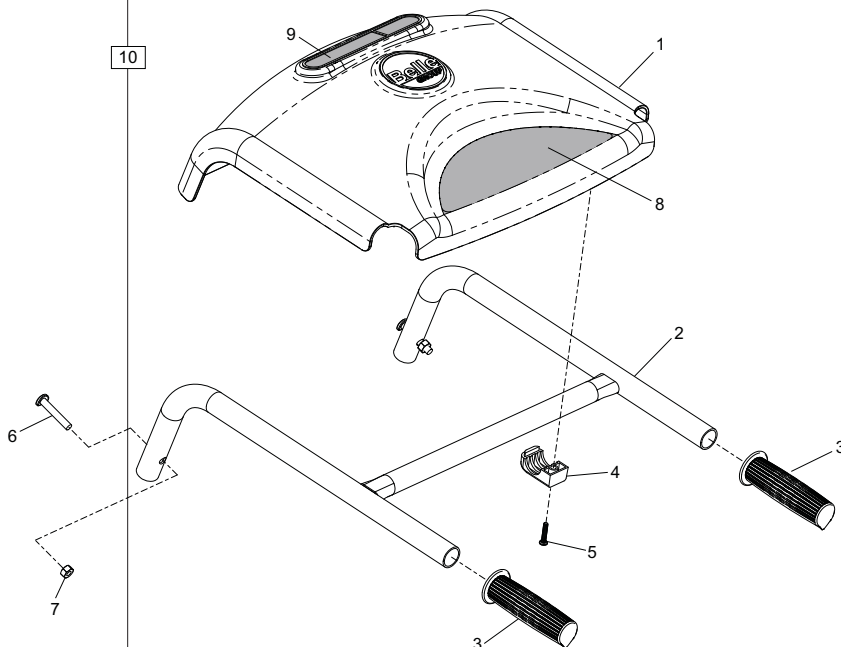
1	900/24800	Frame	Châssis	Estructura	Estrutura	1
2	CMS12SP	Drum - Orange	Tambour - Orange	Tambor - Naranja	Tambor - Arancione	1
2	CMS12SPG2	Drum - Green	Tambour - Vert	Tambor - Verde	Tambor - Verde	1
2	CMS12SPR	Drum - Red	Tambour - Rouge	Tambor - Roja	Tambor - Vermelho	1
2	CMS12SPGR2	Drum - Grey	Tambour - Gris	Tambor - Gris	Tambor - Grey	1
3	60/0286	Wheel	Roue	Rueda	Roda	2
4	900/37600	Gearbox	Boite de Vitesses	Caja de Engranajes	Caixa de Engrenagens	→ 10/04
4	900/24700	Gearbox	Boite de Vitesses	Caja de Engranajes	Caixa de Engrenagens	→ 07/95, → 10/04
5	900/99911	Stand Clip	Collier	Presilla	Grampo	1
6	900/11400	Wheel Retainer	Mollette de Retenue	Retén - Rueda	Retentor - Roda	2
7	7/8045	Screw	Vis	Tornillo	Parafuso	M8 x 12
8	9/10005	Bolt	Boulon	Perno	Perno	M10 x 45
9	8/10009	Nut	Ecrou	Tuerca	Porca	M10 x 45
10	900/30100	Motor Kit	Kit De Moteur	Kit Motor	Kit do Motor	230v, 50Hz, UK
10	900/30300	Motor Kit	Kit De Moteur	Kit Motor	Kit do Motor	110v, 50Hz, UK
10	900/30500	Motor Kit	Kit De Moteur	Kit Motor	Kit do Motor	415v, 50Hz
11	7/8037	Screw	Vis	Tornillo	Parafuso	M8 x 20
12	8/8007	Nut	Ecrou	Tuerca	Porca	M8
13	900/17000	Stand Leg - Orange	Jambe De Quadripied - Orange	Patá Soporte - Naranja	Perna do cavalete - Arancione	2 x Boss
13	900/17000G2	Stand Leg - Green	Jambe De Quadripied - Verde	Patá Soporte - Verde	Perna do cavalete - Verde	2 x Boss
13	900/17000R	Stand Leg - Red	Jambe De Quadripied - Rouge	Patá Soporte - Roja	Perna do cavalete - Vermelho	2 x Boss
13	900/17000GR2	Stand Leg - Grey	Jambe De Quadripied - Gris	Patá Soporte - Gris	Perna do cavalete - Grey	2 x Boss
14	900/17100	Stand Leg - Orange	Jambe De Quadripied - Orange	Patá Soporte - Naranja	Perna do cavalete - Arancione	1 x Boss
14	900/17100G2	Stand Leg - Green	Jambe De Quadripied - Verde	Patá Soporte - Verde	Perna do cavalete - Verde	1 x Boss
14	900/17100R	Stand Leg - Red	Jambe De Quadripied - Rouge	Patá Soporte - Roja	Perna do cavalete - Vermelho	1 x Boss
14	900/17100GR2	Stand Leg - Grey	Jambe De Quadripied - Gris	Patá Soporte - Gris	Perna do cavalete - Grey	1 x Boss
15	900/26600	Stand Adaptor - Orange	Adaptateur De Quadripied - Orange	Adaptador Soporte - Naranja	Fixador do cavalete - Arancione	1
15	900/26600G2	Stand Adaptor - Green	Adaptateur De Quadripied - Verde	Adaptador Soporte - Verde	Fixador do cavalete - Verde	1
15	900/26600R	Stand Adaptor - Red	Adaptateur De Quadripied - Rouge	Adaptador Soporte - Roja	Fixador do cavalete - Vermelho	1
15	900/26600GR2	Stand Adaptor - Grey	Adaptateur De Quadripied - Gris	Adaptador Soporte - Grey	Fixador do cavalete - Gris	1
16	3/1007	Linch Pin	Goupille	Pasador	Pino	1
17	900/26500SP	Stand Assy - Orange	Quadripied - Orange	Ensamblaje Soporte - Naranja	Cavalete completo - Arancione	1
17	900/26500SPG2	Stand Assy - Green	Quadripied - Verde	Ensamblaje Soporte - Verde	Cavalete completo - Verde	1
17	900/26500SPR	Stand Assy - Red	Quadripied - Rouge	Ensamblaje Soporte - Roja	Cavalete completo - Vermelho	1
17	900/26500SPGR2	Stand Assy - Grey	Quadripied - Gris	Ensamblaje Soporte - Gris	Cavalete completo - Grey	1
18	900/99931	Support Plate	Plaque De Maintien	Placa sujecion	Placa de suporte	→ 04/02
18	1/0519	Paint (Orange)	Peinture (Orange)	Pintura (Naranja)	Pintura (Arancione)	1 Ltr
19	800/21250	Decal	Etiquette	Etiqueta	Etiqueta	230v, 50Hz (Euro 1)
19	800/21260	Decal	Etiquette	Etiqueta	Etiqueta	110v, 50Hz (Euro 1)
20	800/99953	Decal	Etiquette	Etiqueta	Etiqueta	Belle Group
21	800/99952	Decal	Etiquette	Etiqueta	Etiqueta	Belle Group
22	800/99909	Decal	Etiquette	Etiqueta	Etiqueta	Danger Zone
23	800/99780	Decal	Etiquette	Etiqueta	Etiqueta	GX120 Only
24	900/42200	Wheel Kit	Ensemble de Roue	Conjunto de Rueda	Conjunto da Roda	1

Power Unit Conversion Kits for Pre July '99 Machines.

-	900/36300	Motor Conversion Kit	Kit De Conversion De Moteur	Kit Conversor Motor	Conversor completo do motor	Honda GXH50	1
-	900/42300	Motor Conversion Kit	Kit De Conversion De Moteur	Kit Conversor Motor	Conversor completo do motor	Honda GX120	1
-	900/38200	Motor Conversion Kit	Kit De Conversion De Moteur	Kit Conversor Motor	Conversor completo do motor	Robin	1

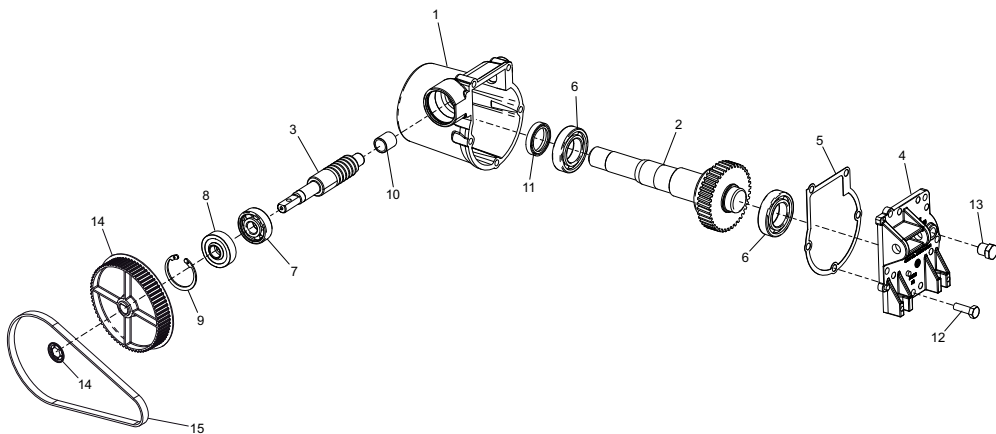
Power Unit Conversion Kits for Post July '99 Machines.

-	900/38300	Motor Conversion Kit	Kit De Conversion De Moteur	Kit Conversor Motor	Conversor completo do motor	Robin	1
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2-01

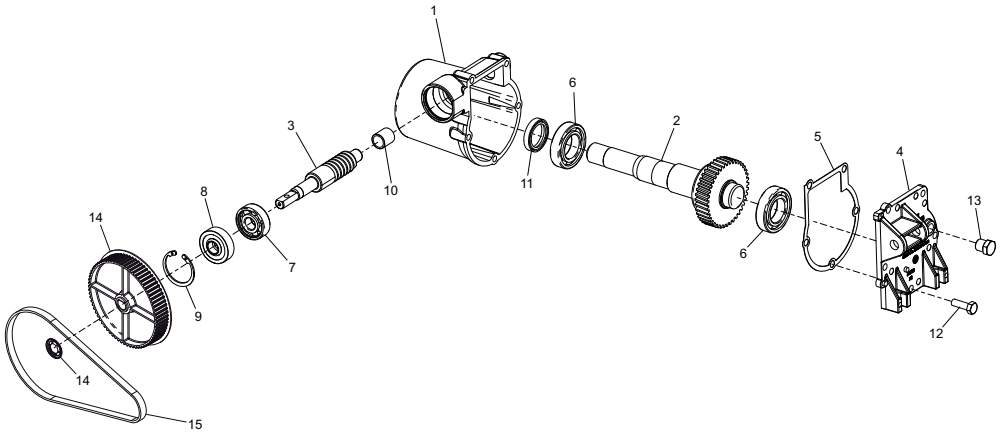
1	900/99914	Cover - Orange	Couvercle - Orange	Cubierta - Naranja	Tampa - Arancione	Minimix	1
1	900/99914G2	Cover - Green	Couvercle - Vert.	Cubierta - Verde	Tampa - Verde	Minimix	1
1	900/99914R	Cover - Red	Couvercle - Rouge	Cubierta - Roja	Tampa - Vermelho	Minimix	1
1	900/99914GR2	Cover - Grey	Couvercle - Gris	Cubierta - Gris	Tampa - Grey	Minimix	1
1	900/99930	Cover - Orange	Couvercle - Orange	Cubierta - Naranja	Tampa - Arancione	Easymix	1
1	900/99930G2	Cover - Green	Couvercle - Vert.	Cubierta - Verde	Tampa - Verde	Easymix	1
1	900/99930R	Cover - Red	Couvercle - Rouge	Cubierta - Roja	Tampa - Vermelho	Easymix	1
1	900/99930GR2	Cover - Grey	Couvercle - Gris	Cubierta - Gris	Tampa - Grey	Easymix	1
2	900/25000	Handle - Orange	Poignée - Orange	Manillar - Naranja	Punho - Arancione	Honda / Electric	1
2	900/25000G2	Handle - Green	Poignée - Vert.	Manillar - Verde	Punho - Verde	Honda / Electric	1
2	900/25000R	Handle - Red	Poignée - Rouge	Manillar - Roja	Punho - Vermelho	Honda / Electric	1
2	900/25000GR2	Handle - Grey	Poignée - Gris	Manillar - Grey	Punho - Gris	Honda / Electric	1
2	900/37800	Handle - Orange	Poignée - Orange	Manillar - Naranja	Punho - Arancione	Robin	1
2	900/37800G2	Handle - Green	Poignée - Vert.	Manillar - Verde	Punho - Verde	Robin	1
2	900/37800R	Handle - Red	Poignée - Rouge	Manillar - Roja	Punho - Vermelho	Robin	1
2	900/37800GR2	Handle - Grey	Poignée - Gris	Manillar - Grey	Punho - Gris	Robin	1
3	XS35	Hand Grip	Poignée	Asas	Punhos		2
4	900/99918	Clamp - Orange	Serrage - Orange	Mordaza - Naranja	Grampo - Arancione		2
4	900/99918G2	Clamp - Green	Serrage - Vert.	Mordaza - Verde	Grampo - Verde		2
4	900/99918R	Clamp - Red	Serrage - Rouge	Mordaza - Roja	Grampo - Vermelho		2
4	900/99918GR2	Clamp - Grey	Serrage - Gris	Mordaza - Grey	Grampo - Gris		2
5	7/5017	Screw	Vis.	Tornillo	Parafuso	5.5 x 25	2
6	9/8021	Bolt	Boulon	Perno	Perno	M8	2
7	8/8001	Nut	Ecrou	Tuerca	Porca	M8	2
8	800/21300	Decal	Etiquette	Etiqueta	Etiqueta		1
10	900/31700	Handle Assy - Orange	Ens. Poigné - Orange	Cjto de Manillar - Naranja	Cjto do Punho - Arancione	Honda / Electric	1
10	900/31700G2	Handle Assy - Green	Ens. Poigné - Vert.	Cjto de Manillar - Verde	Cjto do Punho - Verde	Honda / Electric	1
10	900/31700R	Handle Assy - Red	Ens. Poigné - Rouge	Cjto de Manillar - Roja	Cjto do Punho - Vermelho	Honda / Electric	1
10	900/31700GR2	Handle Assy - Grey	Ens. Poigné - Gris	Cjto de Manillar - Grey	Cjto do Punho - Gris	Honda / Electric	1



Gearbox Assembly (↳ Jul '99 ↳ Oct '04)

3-01

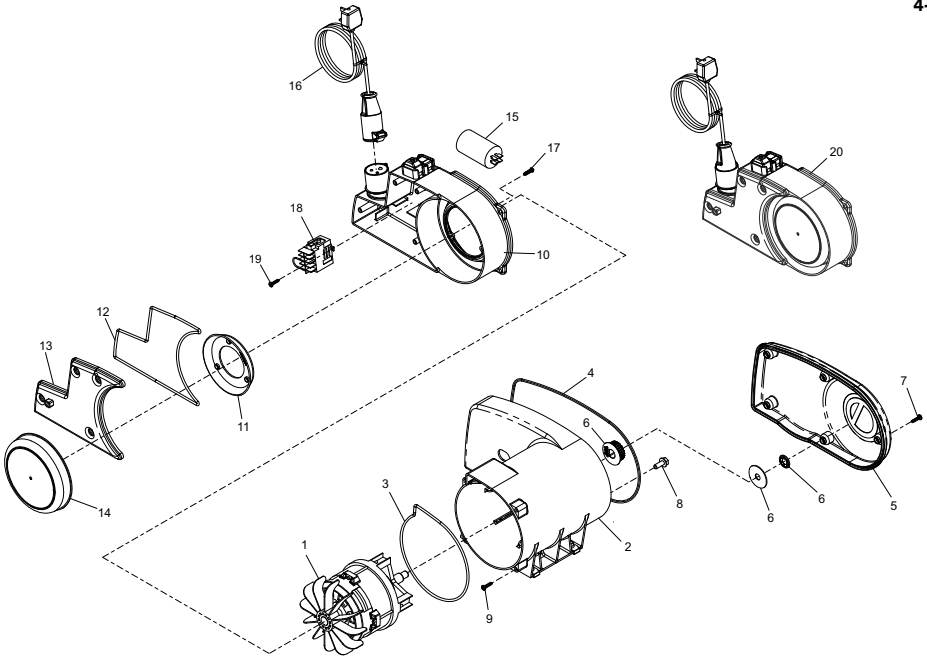
1	MS08.....	Gearbox Case	Carter de boîte de vitesses	Envoltura de la transmisión	Caixa de engrenagens.....	1
2	MS09.....	Drum Shaft	Arbre de tambour	Eje de tambor	Veio do Tambor	1
3	900/24701.....	Worm Shaft	Axe	Eje Helicoidal.....	Veio helicoidal.....	1
4	MS10.....	Back Plate	Plaque Arrière	Placa Trasera	Placa de Apoio	1
5	MS11.....	Gasket	Joint.....	Junta.....	Gaxeta	1
6	CMS10.....	Bearing	Roulement.....	Cojinete	Rolamento.....	2
7	PS013.....	Bearing	Roulement.....	Cojinete	Rolamento.....	1
8	CMS41.....	Oil Seal	Joint d'étanchéité à l'huile	Obturator aceite.....	Vedante de Óleo	1
9	MS22.....	Circlip	Circlip	Resorte circular	Grampo circular	1
10	MS13.....	Bush	Douille	Buje	Bucha	19 x 15 x 20.....1
11	CMS11.....	Oil Seal	Joint d'étanchéité à l'huile	Obturator aceite.....	Vedante de Óleo	1
12	7/8003.....	Screw	Vis	Tornillo	Parafuso.....	M8 x 25 .....5
13	MS12.....	Bung	Obturateur	Tapón	Tampão	1
14	900/30000.....	Gearbox Pulley Kit.....	Kit De Poulie De Boîte.....	Kit Polea Reductora	Polia reductora completa	50Hz, G100, Robin, B & S ...1
		De Transmission	De Transmission	De Transmission	De Transmission	
14	900/31600.....	Gearbox Pulley Kit.....	Kit De Poulie De Boîte.....	Kit Polea Reductora	Polia reductora completa	60Hz, GXH50 .....1
		De Transmission	De Transmission	De Transmission	De Transmission	
15	900/99915.....	Belt	Courroie.....	Correa	Correia	50Hz, G100, EY08, B & S ....1
15	900/99926.....	Belt	Courroie.....	Correa	Correia	60Hz, GXH50, EH09DU1



Gearbox Assembly (↳ Oct '04)

3-02

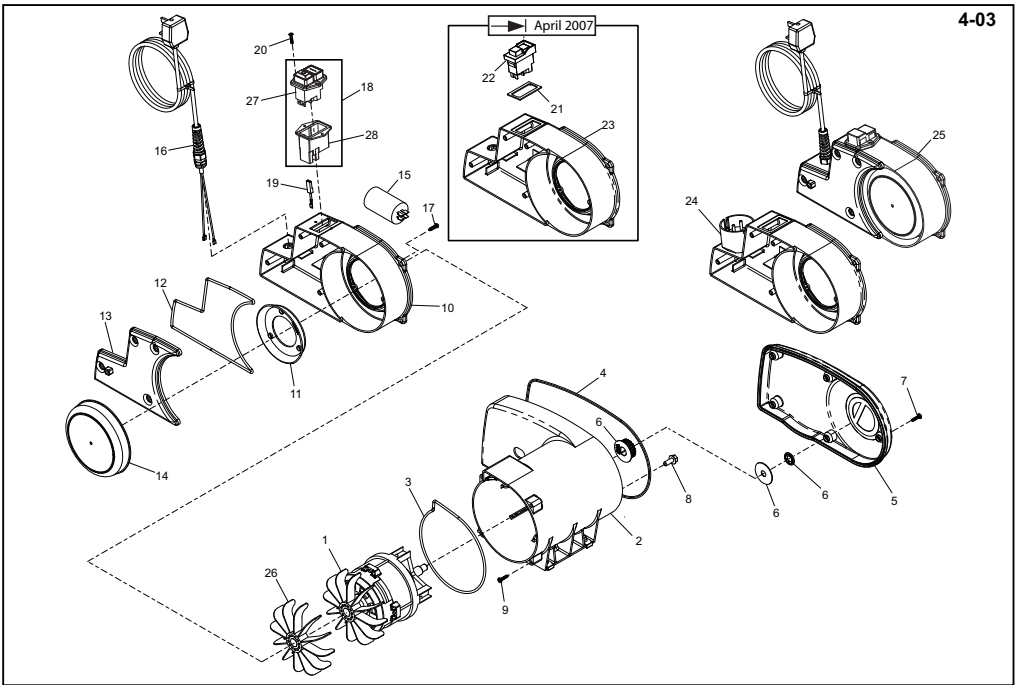
1	900/37602.....Gearbox Case	Carter de boîte de vitesses	Envoltura de la transmisión	Caixa de engrenagens	1
2	MS09.....Drum Shaft	Arbre de tambour	Eje de tambor	Veio do Tambor	1
3	900/37601.....Worm Shaft	Axe	Eje Helicoidal	Veio helicoidal	1
4	MS10.....Back Plate	Plaque Arrière	Placa Trasera	Placa de Apoio	1
5	MS11.....Gasket	Joint	Junta	Junta	1
6	CMS10.....Bearing	Roulement	Cojinete	Rolamento	2
7	53/0032.....Bearing	Roulement	Cojinete	Rolamento	1
8	5/0052.....Oil Seal	Joint d'étanchéité à l'huile	Obturador aceite	Vedante de Óleo	1
9	MS22.....Circlip	Circlip	Resorte circular	Grampo circular	1
10	MS13.....Bush	Douille	Buje	Bucha	19 x 15 x 20.....1
11	CMS11.....Oil Seal	Joint d'étanchéité à l'huile	Obturador aceite	Vedante de Óleo	1
12	7/8003.....Screw	Vis	Tornillo	Parafuso	M8 x 25 .....5
13	MS12.....Bung	Obturateur	Tapón	Tampão	1
14	900/30000.....Gearbox Pulley Kit.....	Kit De Poulie De Boîte	Kit Polea Reductora	Polia redutora completa.....	50Hz, G100, Robin, B & S ...1
		De Transmission			
14	900/31600.....Gearbox Pulley Kit.....	Kit De Poulie De Boîte	Kit Polea Reductora	Polia redutora completa.....	60Hz, GXH50 .....1
		De Transmission			
15	900/99915.....Belt	Courroie	Correa	Correia	50Hz, G100, EY08, B & S ...1
15	900/99926.....Belt	Courroie	Correa	Correia	60Hz, GXH50, EH09DU1



Motor Assembly (→ Apr '02)

4-02

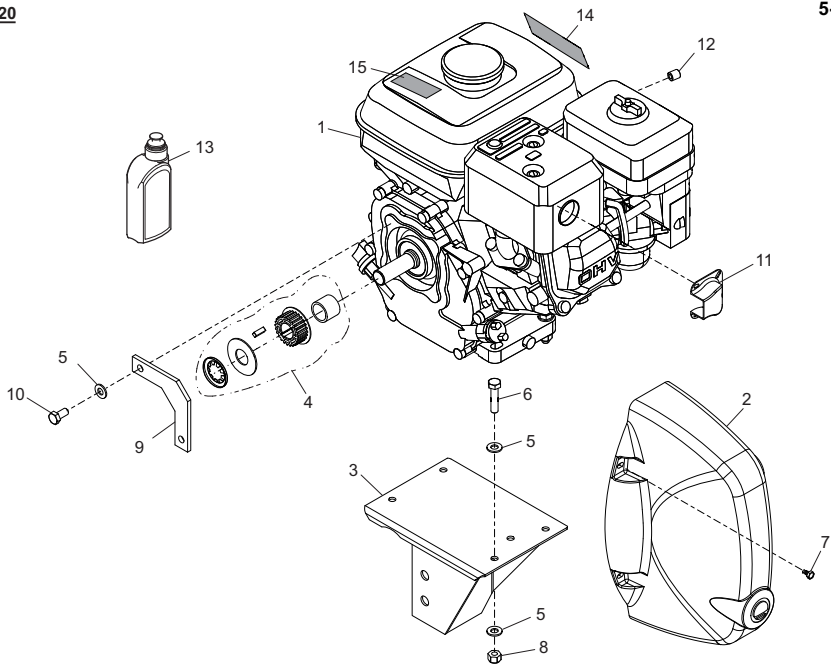
1	900/26800.....Motor	Moteur.....	Motor.....	Motor	110v, 50Hz.....	1
1	900/22100.....Motor	Moteur.....	Motor.....	Motor	230v, 50Hz.....	1
1	900/22400.....Motor	Moteur.....	Motor.....	Motor	415v, 50Hz.....	1
2	900/41201.....Motor Housing	Bloc Moteur.....	Tapa Motor	Carter do Motor		1
3	900/99908.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante		1
4	900/99907.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante		1
5	900/26103.....Belt Guard	Capot de courroie	Protector de la correa	Guarda da Correira.....		1
6	900/29900.....Electric Pulley Kit.....	Kit Poulie De Moteur Electrique.....	Kit Polea Electrica.....	Polia eléctrica completa.....		1
7	7/5017.....Screw	Vis.....	Tornillo	Parafuso	5.5 x 25.....	5
8	7/8037.....Screw	Vis.....	Tornillo	Parafuso	M8 x 20.....	4
9	7/5016.....Screw	Vis.....	Tornillo	Parafuso	5.5 x 16.....	4
10	900/26102.....Switch Housing.....	Logement De L'interrupteur	Tapa Interruptor	Tampa do Interruptor		1
10	900/28901.....Switch Housing.....	Logement De L'interrupteur	Tapa Interruptor	Tampa do Interruptor.....	Glanded Cable	1
11	901/99915.....Cover.....	Couvercle	Cubierta	Tampa		1
12	900/99909.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante		1
13	900/26104.....Cover.....	Couvercle	Cubierta	Tampa		1
14	901/99916.....Cover.....	Couvercle	Cubierta	Tampa		1
15	70/0135.....Capacitor	Condensateur	Condensador	Condensador	25UF.....	1
15	70/0136.....Capacitor	Condensateur	Condensador	Condensador	110UF.....	1
16	900/18100.....Extension Cable	Câble De Prolongation.....	Extensión Cable.....	Cabo de extensão		1
17	7/0008.....Screw	Vis.....	Tornillo	Parafuso	M4 x 19.....	3
18	901/99921.....On / Off Switch	Commutateur Marche / Arrêt	Conmutador On/Off	Interruptor Ligado / Desligado	230v, 50Hz.....	1
18	901/99923.....On / Off Switch	Commutateur Marche / Arrêt	Conmutador On/Off	Interruptor Ligado / Desligado	110v, 50Hz.....	1
18	900/99929.....On / Off Switch	Commutateur Marche / Arrêt	Conmutador On/Off	Interruptor Ligado / Desligado	415v, 50Hz.....	1
19	7/0009.....Screw	Vis.....	Tornillo	Parafuso	3.5 x 9.5.....	2
20	900/28700.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor	Conjunto do Interruptor.....	110v, 50Hz.....	1
20	900/29300.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor	Conjunto do Interruptor.....	230v, 50Hz, UK	1
20	900/29000.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor	Conjunto do Interruptor.....	415v, 50Hz.....	1



Motor Assembly (▶ Apr '02)

4-03

1	900/34400.....Motor	Moteur.....	Motor.....	Motor.....	110v, 50Hz.....	1
1	900/34300.....Motor	Moteur.....	Motor.....	Motor.....	230v, 50Hz.....	1
1	900/22400.....Motor	Moteur.....	Motor.....	Motor.....	415v, 50Hz.....	1
2	900/41201.....Motor Housing	Bloc Moteur.....	Tapa Motor.....	Carter do Motor.....		1
3	900/99908.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante.....		1
4	900/99907.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante.....		1
5	900/26103.....Belt Guard	Capot de courroie.....	Protector de la correa.....	Guarda da Correira.....		1
6	900/29900.....Electric Pulley Kit	Kit Poulie De Moteur Electrique.....	Kit Polea Electrica.....	Polia eléctrica completa.....		1
7	7/5017.....Screw	Vis.....	Tornillo.....	Parafuso.....	5.5 x 25.....	5
8	7/8037.....Screw	Vis.....	Tornillo.....	Parafuso.....	M8 x 20.....	4
9	7/5016.....Screw	Vis.....	Tornillo.....	Parafuso.....	5.5 x 16.....	4
10	900/33801.....Switch Housing	Logement De L'interrupteur.....	Tapa Interruptor.....	Tampa do Interruptor.....	Glanded.....	1
11	901/99915.....Cover	Couvercle.....	Cubierta.....	Tampa.....		1
12	900/99909.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante.....		1
13	900/26104.....Cover	Couvercle.....	Cubierta.....	Tampa.....		1
14	901/99916.....Cover	Couvercle.....	Cubierta.....	Tampa.....		1
15	70/0135.....Capacitor	Condensateur.....	Condensador.....	Condensador.....	25UF.....	1
15	70/0136.....Capacitor	Condensateur.....	Condensador.....	Condensador.....	110UF.....	1
16	71/0180.....Cable Assembly	Faisceau De Câbles.....	Ensamblaje Cable.....	Conjunto do Cabo.....	110v, 50Hz.....	1
16	71/0179.....Cable Assembly	Faisceau De Câbles.....	Ensamblaje Cable.....	Conjunto do Cabo.....	230v, 50Hz, UK.....	1
17	7/0008.....Screw	Vis.....	Tornillo.....	Parafuso.....	M4 x 19.....	3
18	900/41700.....Switch Kit	Interrupteur Complet.....	Ensamblaje Interruptor.....	Conjunto de Interruptor.....	230v, 50Hz.....	1
18	900/41800.....Switch Kit	Interrupteur Complet.....	Ensamblaje Interruptor.....	Conjunto de Interruptor.....	110v, 50Hz.....	1
19	71/0258.....Wire	Câble.....	Cable.....	Cabo.....		1
20	7/4009.....Screw	Vis.....	Tornillo.....	Parafuso.....	Dia. 4.....	2
21	70/0195.....Seal	Joint d'étanchéité.....	Obturador.....	Vedante.....		1
22	70/0194.....On /Off Switch	Commutateur Marche / Arrêt.....	Conmutador On/Off.....	Interruptor Ligado / Desligado.....	230v, 50Hz.....	1
22	70-0202.....On /Off Switch	Commutateur Marche / Arrêt.....	Conmutador On/Off.....	Interruptor Ligado / Desligado.....	110v, 50Hz.....	1
23	☛ 25.....Switch Housing	Logement De L'interrupteur.....	Tapa Interruptor.....	Tampa do Interruptor.....		1
24	☛ 25.....Switch Housing	Logement De L'interrupteur.....	Tapa Interruptor.....	Tampa do Interruptor.....		1
25	900/34500.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor.....	Conjunto do Interruptor.....	110v, 50Hz.....	1
25	900/33800.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor.....	Conjunto do Interruptor.....	230v, 50Hz, UK.....	1
25	900/29000.....Switch Assembly	Interrupteur Complet.....	Ensamblaje Interruptor.....	Conjunto do Interruptor.....	415v, 50Hz.....	1
26	900/99946.....Fan	Ventilateur.....	Ventilador.....	Ventilador.....	110v & 230v.....	1
27	70/0247.....On /Off Switch	Commutateur Marche / Arrêt.....	Conmutador On/Off.....	Interruptor Ligado / Desligado.....	230v, 50Hz.....	1
27	70/0252.....On /Off Switch	Commutateur Marche / Arrêt.....	Conmutador On/Off.....	Interruptor Ligado / Desligado.....	110v, 50Hz.....	1
28	70/0249.....Cover	Couvercle.....	Cubierta.....	Tampa.....		1

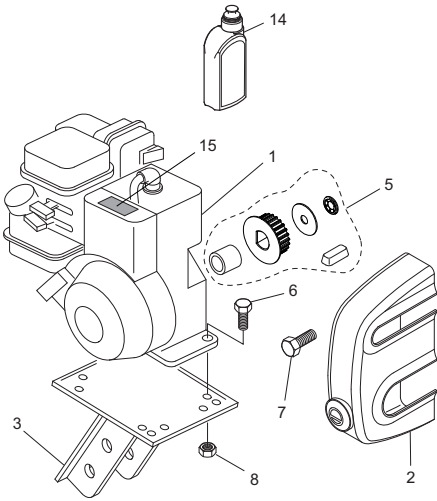


Engine Assembly (Honda GX120)

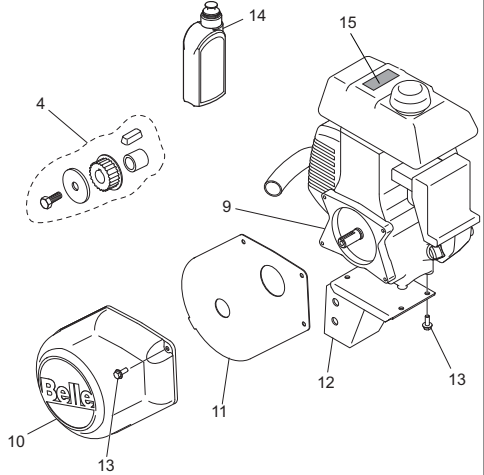
5-01

1	20/0038.....	Engine.....	Moteur.....	Motor.....	Motor.....	Motor.....	Honda GX120.....	1
2	900/99927.....	Belt Guard.....	Capot de courroie.....	Protector de la correa.....	Guarda da Correia.....	Guarda da Correia.....	Arancione.....	1
3	900/40400.....	Engine Deck - Orange.....	Support du Moteur - Orange.....	Cubierta Motor - Naranja.....	Suporte do Motor - Arancione.....	Suporte do Motor - Arancione.....	Arancione.....	1
3	900/40400G2.....	Engine Deck - Green.....	Support du Moteur - Vert.....	Cubierta Motor - Verde.....	Suporte do Motor - Verde.....	Suporte do Motor - Verde.....	Verde.....	1
3	900/40400R.....	Engine Deck - Red.....	Support du Moteur - Rouge.....	Cubierta Motor - Roja.....	Suporte do Motor - Vermelho.....	Suporte do Motor - Vermelho.....	Vermelho.....	1
3	900/40400GR2.....	Engine Deck - Grey.....	Support du Moteur - Gris.....	Cubierta Motor - Grey.....	Suporte do Motor - Gris.....	Suporte do Motor - Gris.....	Gris.....	1
4	900/31000.....	Engine Pulley Kit.....	Kit De Poulie De Moteur.....	Kit Polea Motor.....	Polia completa do motor.....	Polia completa do motor.....	Polia completa do motor.....	1
5	4/8006.....	Washer.....	Rondelle.....	Arandela.....	Anilha.....	Anilha.....	Anilha.....	10
6	9/8003.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	Parafuso.....	M8 x 35.....	4
7	7/10002.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	Parafuso.....	10 x 3/8".....	2
8	8/8008.....	Nut.....	Ecrou.....	Tuerca.....	Porca.....	Porca.....	M8.....	4
9	900/99944.....	Bracket - Orange.....	Patte de montage - Orange.....	Escuadra - Naranja.....	Suporte - Arancione.....	Suporte - Arancione.....	Arancione.....	1
9	900/99944G2.....	Bracket - Green.....	Patte de montage - Verde.....	Escuadra - Verde.....	Suporte - Verde.....	Suporte - Verde.....	Verde.....	1
9	900/99944R.....	Bracket - Red.....	Patte de montage - Rouge.....	Escuadra - Roja.....	Suporte - Vermelho.....	Suporte - Vermelho.....	Vermelho.....	1
9	900/99944GR2.....	Bracket - Grey.....	Patte de montage - Gris.....	Escuadra - Grey.....	Suporte - Gris.....	Suporte - Gris.....	Gris.....	1
10	9/0002.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	Parafuso.....	5/16" x 5/8".....	2
11	21/0236.....	Exhaust Deflector.....	Protection D'échappement.....	Protector Escape.....	Proteção de Escape.....	Proteção de Escape.....	Escape.....	1
12	900/99945.....	Boss.....	Vis.....	Tornillo.....	Parafuso.....	Parafuso.....	M6 x 16.....	1
13	92/00002.....	Engine Oil.....	Huile Moteur.....	Aceite Motor.....	Óleo do Motor.....	Óleo do Motor.....	750ml.....	1
14	800/99743.....	Decal.....	Etiquette.....	Etiqueta.....	Etiqueta.....	Etiqueta.....	Emergency Stop.....	1
15	800/21320.....	Decal.....	Etiquette.....	Etiqueta.....	Etiqueta.....	Etiqueta.....	Hot Parts.....	1

Honda G100



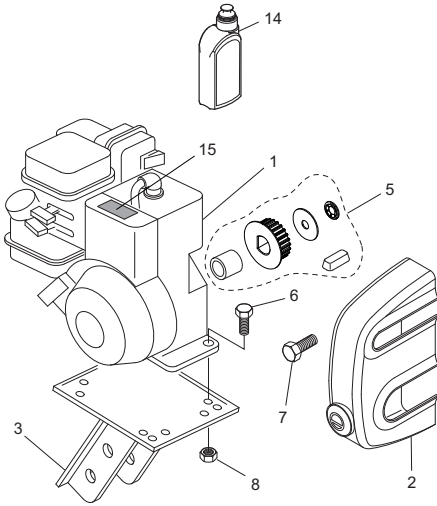
Honda GXH50



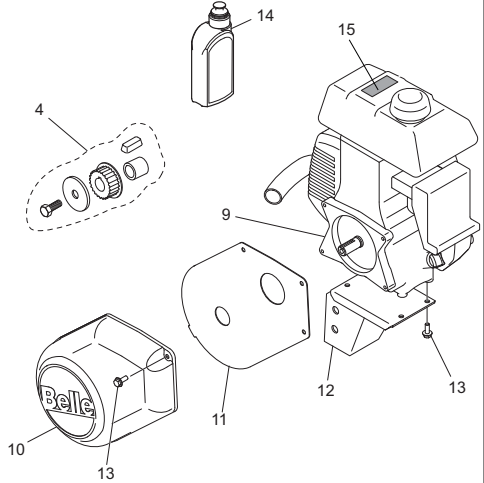
Engine Assembly (Honda)

1	MS15.....	Engine.....	Moteur.....	Motor.....	Motor.....	Honda G100.....	1
2	900/99927.....	Belt Guard.....	Capot de courroie.....	Protector de la correa.....	Guarda da Correia.....		1
3	900/33200.....	Engine Deck.....	Plate-Forme De Moteur.....	Cubierta Motor.....	Suporte do Motor.....		1
4	900/36400.....	Engine Pulley Kit.....	Kit De Poulie De Moteur.....	Kit Polea Motor.....	Polia completa do motor.....		1
5	900/32600.....	Engine Pulley Kit.....	Kit De Poulie De Moteur.....	Kit Polea Motor.....	Polia completa do motor.....		1
6	7/8008.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M8 x 16.....	4
7	7/10002.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	10 x 3/8".....	2
8	8/8001.....	Nut.....	Ecrou.....	Tuerca.....	Porca.....	M8.....	4
9	20/0031.....	Engine.....	Moteur.....	Motor.....	Motor.....	Honda GXH50.....	1
10	900/99935.....	Belt Guard.....	Capot de courroie.....	Protector de la correa.....	Guarda da Correia.....		1
11	900/99934.....	Plate.....	Plaque.....	Placa.....	Placa.....		1
12	900/35300.....	Engine Deck.....	Plate-Forme De Moteur.....	Cubierta Motor.....	Suporte do Motor.....		1
13	7/6034.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M6 x 16.....	4
14	92/00002.....	Engine Oil.....	Huile Moteur.....	Aceite Motor.....	Óleo do Motor.....	750ml.....	
15	800/21320.....	Decal.....	Etiquette.....	Etiqueta.....	Etiqueta.....	Hot Parts.....	1

Robin EY08

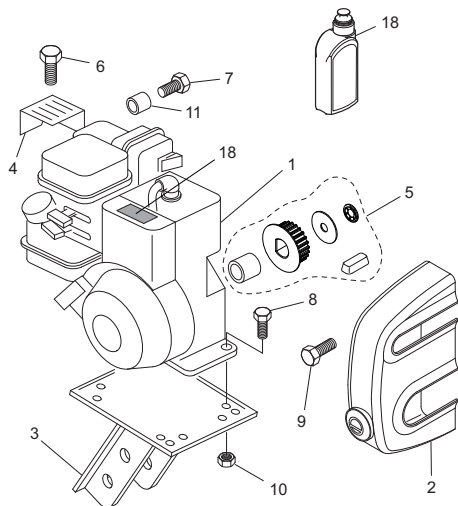
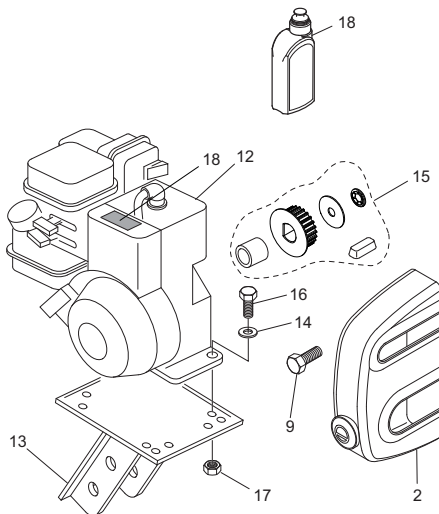


Robin EH09DU



Engine Assembly (Robin)

1	MS16.....	Engine.....	Moteur.....	Motor.....	Motor.....	Robin EY08.....	1
2	900/99927.....	Belt Guard.....	Capot de courroie.....	Protector de la correa.....	Guarda da Correia.....	Robin EY08.....	1
3	900/33300.....	Engine Deck.....	Plate-Forme De Moteur.....	Cubierta Motor.....	Suporte do Motor.....	Robin EY08.....	1
4	900/38400.....	Engine Pulley Kit.....	Kit De Poulie De Moteur.....	Kit Polea Motor.....	Polia completa do motor.....	Robin EY08.....	1
5	900/32600.....	Engine Pulley Kit.....	Kit De Poulie De Moteur.....	Kit Polea Motor.....	Polia completa do motor.....	Robin EY08.....	1
6	9/8003.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M8 x 35.....	4
7	7/10002.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	10 x 3/8".....	2
8	8/8001.....	Nut.....	Ecrou.....	Tuerca.....	Porca.....	M8.....	4
9	20/0060.....	Engine.....	Moteur.....	Motor.....	Motor.....	Robin EH09DU.....	1
10	900/99935.....	Belt Guard.....	Capot de courroie.....	Protector de la correa.....	Guarda da Correia.....	Robin EH09DU.....	1
11	900/37900.....	Plate - Orange.....	Plaque - Orange.....	Placa - Orange.....	Placa - Arancione.....	Robin EH09DU.....	1
11	900/37900G2.....	Plate - Green.....	Plaque - Verde.....	Placa - Verde.....	Placa - Verde.....	Robin EH09DU.....	1
11	900/37900R.....	Plate - Red.....	Plaque - Rouge.....	Placa - Orange.....	Placa - Arancione.....	Robin EH09DU.....	1
11	900/37900GR2.....	Plate - Grey.....	Plaque - Gris.....	Placa - Grey.....	Placa - Gris.....	Robin EH09DU.....	1
12	900/38000.....	Engine Deck - Orange.....	Plate-Forme De Moteur - Orange.....	Cubierta Motor - Naranja.....	Suporte do Motor - Arancione.....	Robin EH09DU.....	1
12	900/38000G2.....	Engine Deck - Green.....	Plate-Forme De Moteur - Vert.....	Cubierta Motor - Verde.....	Suporte do Motor - Verde.....	Robin EH09DU.....	1
12	900/38000R.....	Engine Deck - Red.....	Plate-Forme De Moteur - Rouge.....	Cubierta Motor - Roja.....	Suporte do Motor - Vermelho.....	Robin EH09DU.....	1
12	900/38000GR2.....	Engine Deck - Grey.....	Plate-Forme De Moteur - Gris.....	Cubierta Motor - Grey.....	Suporte do Motor - Gris.....	Robin EH09DU.....	1
13	7/6034.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M6 x 16.....	4
14	92/00002.....	Engine Oil.....	Hulle Moteur.....	Acelte Motor.....	Acelte Motor.....	450ml.....	1
15	800/21320.....	Decal.....	Etiquette.....	Etiqueta.....	Etiqueta.....	Hot Parts.....	1

Briggs & Stratton 3.5hp IC**Briggs & Stratton Vanguard****Engine Assembly (Briggs & Stratton)**

5-04

1	CMS19.....	Engine.....	Moteur.....	Motor.....	Motor.....	B & S 3.5hp IC.....	1
2	900/99927.....	Belt Guard	Capot de courroie	Protector de la correa.....	Guarda da Correia.....	.....	1
3	900/33300.....	Engine Deck	Support du Moteur	Cubierta Motor.....	Suporte do Motor.....	.....	1
4	900/20600.....	Exhaust Guard.....	Protection D'échappement	Protector Escape.....	Proteção de escape.....	.....	1
5	900/31000.....	Engine Pulley Kit.....	Kit De Poulie De Moteur	Kit Polea Motor.....	Polia completa do motor.....	.....	1
6	7/8028.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	10 x 3/8"	.....
7	7/8027.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	8 X 3/4"	.....
8	9/8003.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M8 x 35.....	.....
9	7/10002.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	10 x 3/8"	.....
10	8/8001.....	Nut.....	Ecrou.....	Tuerca.....	Porca.....	M8.....	.....
11	900/20700.....	Spacer.....	Entretoise.....	Espaciador	Espaçador .....	.....	.....
12	20/0080.....	Engine.....	Moteur.....	Motor.....	Motor.....	B & S Vanguard.....	1
13	900/40400.....	Engine Deck - Orange ...	Support du Moteur - Orange	Cubierta Motor - Naranja...	Suporte do Motor - Arancione .....	.....	1
13	900/40400B.....	Engine Deck - Blue.....	Support du Moteur - Bleu.....	Cubierta Motor - Azul.....	Suporte do Motor - Azul.....	.....	1
13	900/40400R.....	Engine Deck - Red.....	Support du Moteur - Rouge	Cubierta Motor - Roja.....	Suporte do Motor - Vermelho.....	.....	1
13	900/40400GR2.....	Engine Deck - Grey.....	Support du Moteur - Gris.....	Cubierta Motor - Grey.....	Suporte do Motor - Gris.....	.....	1
14	4/8006.....	Washer.....	Rondelle.....	Arandela.....	Anilha.....	M8.....	.....
15	900/40600.....	Engine Pulley Kit.....	Kit De Poulie De Moteur	Kit Polea Motor.....	Polia completa do motor.....	.....	1
16	7/8008.....	Screw.....	Vis.....	Tornillo.....	Parafuso.....	M8 x 16.....	.....
17	8/8008.....	Nut.....	Ecrou.....	Tuerca.....	Porca.....	M8.....	.....
18	800/21320.....	Decal.....	Etiquette.....	Etiqueta.....	Etiqueta.....	Hot Parts.....	1



No.1 for Light Construction Equipment

Belle Group Head Office

Sheen, Nr. Buxton
Derbyshire.
SK17 0EU
GB.
Tel: +44 (0)1298 84606
Fax: +44 (0)1298 84722
email: sales@belle-group.co.uk

Belle France SARL

1 rue de l'Equerre
ZI de Béthunes
BP 20541
95005 Cergy Pontoise Cedex
FRANCE
Tel: +33 (0) 1 34 21 45 83
Tel: +33 (0) 1 34 21 45 84
Fax: +33 (0) 1 30 37 31 28

Belle Equipos SL

Calle Doctor Calero Cial 19,
Local 22, 28220 Majadahonda
Madrid, Spain
Tel: +34 (0) 91 636 2043
Fax: +34 (0) 91 634 1535
email: belleequipos@belleequipos.com

Belle Group Deutschland

Husumer Straße 45 a,
D-33729,
Bielefeld
Deutschland
Tel: +49(0) 5217 707505
Fax: +49 (0) 5217 707506
Sales: 0800 1808069
Spares: 0800 1816673

Belle Poland sp. z o.o.

96-200 Rawa Mazowiecka
Ul. Mszczonowska 36,
Polska
Tel: +48 (0) 46 8144091
Fax: +48 (0) 46 8144700

Belle Group Portugal

Rua Laura Alves, 225, 2° F
2775-116 Parede
Portugal
Tel: +35 1 (21) 453 59 91
Fax: +35 1 (21) 453 59 91

Belle Group Netherlands

Tel: 0800 249861

Belle Group Belgium

Tel: 0800 80295

Belle Group Austria

Tel: 0800 291544

Belle Group Russia

64 Nevsky pr.
St, Petersburg
Russia
Tel: +7(812)314-81-34
Moscow: +7(495)589-64-32

Belle Group South East Asia

21, Jalan Ara AD 7/3B,
Pandar Sri Damansara
S2200 Kuala Lumpur, Malaysia
Tel: +60 (0) 3 62721678
+60 (0) 3 6272 9308
Fax: +60 (0) 3 6272 9528

Belle Group (GB), Shanghai Office

Room 213, Zhonghuang Building,
1007 Zhongshan Nan Er Road,
Xuhui, Shanghai 200030 China
Tel: 00 - 86 - 21 - 5461 5228
Mobile: 00 - 86 - 133 8172 2653
Fax: 00 - 86 - 21 - 5461 5369
email: morgan.liu@bellegroup.com.cn

Belle Group Inc

3959 Electric Rd
Roanoke
Suite 360
VA 24018. USA.
Tel: +1.540.345.5090
Fax: +1.540.345.5091
Toll free 866 540 5090
e-mail: sales@bellegroup.net



Belle Group World Parts Centre

Sheen, Nr. Buxton
Derbyshire.
SK17 0EU
GB.
Tel: +44 (0)1298 84606
Fax: +44 (0)1298 84722
email: parts@belle-group.co.uk

www.Altrad.com

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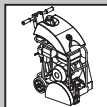
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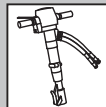
MIXING...



CONCRETING...



CUTTING...



BREAKING...



MOVING