

ITEM NUMBER (1)	PART NUMBER (2)	DESCRIPTION (3)	ITEM NUMBER (1)	PART NUMBER (2)	DESCRIPTION (3)
100	900-30100	MOTOR KIT 230V 50HZ CEE17 (UK)	179	MS22	CIRCLIP
100A	900-30200	MOTOR KIT 230V 50HZ CEE7 EURO 1	180	900-30000	GEARBOX PULLEY KIT
100B	900-30300	MOTOR KIT 110V 50HZ CEE17	180A	900-31600	GEARBOX PULLEY KIT (HONDA GXH50)
100C	900-30400	MOTOR KIT 230V 50HZ (AUSTRALIA)	182	900-99915	BELT TOOTHED
100D	900-30500	MOTOR KIT 415V 50HZ	182A	900-99926	BELT (HONDA GXH50)
109	CMS19	ENGINE - BRIGGS & STRATTON	183	MS08	GEARCASE
109A	MS15	ENGINE - HONDA G100	184	3-6008	P-CLIP
109B	MS10	ENGINE - ROBIN	185	900-11400	WHEEL RETAINER
115	900-31000	ENGINE PULLEY KIT (BRIGGS)	186	60-0286	WHEEL
115A	900-32600	ENGINE PULLEY KIT (HONDA G100)	187	900-24800	MAINFRAME WA
115B	900-31100	ENGINE PULLEY KIT (ROBIN)	188	CMS12	DRUM WA
120	900-99927	BELT GUARD	189	800-21310	DECAL DANGER ZONE
121	7-8008	SCREW M8 X 16 (HONDA)	192	9-8021	BOLT (M8 SPECIAL)
121A	8-8003	BOLT M8 X 35 (BRIGGS & ROBIN)	193	800-21300	DECAL TOP COVER
122	7-10002	SCREW (10 X 3/8")	196	900-99914	TOP COVER (MINIMIX)
123	8-8001	NUT (M8)	197	900-99918	TOP COVER CLAMP
124	900-33200	ENGINE DECK (HONDA G100-ORANGE)	198	900-26600	STAND ADAPTOR WA
124A	900-33300	ENGINE DECK (BRIGGS & ROBIN-BLACK)	199	3-1007	LINCH PIN
125	800-21320	DECAL HOT PARTS	200	900-17100	STAND LEGS R/H WA (1BOSS)
126	900-20600	EXHAUST GUARD	201	900-17000	STAND LEGS L/H WA (2 BOSS)
127	7-5017	SCREW (5.5 X 25 PLASFAST)	202	1-0519	PAINT - 1 LITRE TIN (ORANGE)
128	900-26103	BELT GUARD	203		
129	900-99907	BELT GUARD SEAL	204	900-31700	HANDLE ASSEMBLY
130	900-29900	ELECTRIC PULLEY KIT	208	800-21327	DECAL BELT COVER
131	8-8007	NUT (M8 LUG)	209	900-26500	STAND ASSEMBLY
132	70-0135	CAPACITOR 25UF	211	XS35	HANDLE GRIP
132A	70-0136	CAPACITOR 110UF	212	900-25000	HANDLE WA
134	900-99908	SWITCH HOUSING SEAL	213	900-20700	SPACER (BRIGGS)
136	900-26101	MOTOR HOUSING	214	7-8028	SCREW (BRIGGS)
137	900-26105	CABLE COVER INSERT	215	7-8027	SCREW (BRIGGS)
138	900-29300	SWITCH KIT (230V-50HZ) CEE17 (→ 4/02)	218	9-10005	BOLT (M10 X 45)
138A	900-28600	SWITCH KIT (230V-50HZ) CEE7 (→ 4/02)	219	900-99931	PLATE GEARBOX SUPPORT (→ 4/02)
138B	900-28700	SWITCH KIT (110V-50HZ) CEE17 (→ 4/02)	220	8-10009	NUT (M10)
138C	900-28900	SWITCH KIT (230V-50HZ) (AUST) (→ 4/02)	221	900-32300	KIT GEARBOX SUPPORT PLATE (→ 4/02)
138D	900-29000	SWITCH KIT (415V-50HZ)	222	900-99911	STAND CLIP
139	7-5016	SCREW (5.5 X 16 PLASFAST)	223	7-8045	TAPTITE (M8 X 12 FLANGED)
140	7-8037	SET SCREW (M8 X 20 FLANGED)	225	92-00002	ENGINE OIL - 450ML BOTTLE
141	4-8008	WASHER (5/16" X 1")	226	70-0202	SWITCH ON/OFF (110V-50HZ) (→ 4/02)
142	901-99921	NVR SWITCH (230V-50HZ) (→ 4/02)	226A	70-0194	SWITCH ON/OFF (230V-50HZ) (→ 4/02)
142A	901-99923	NVR SWITCH (110V-50HZ) (→ 4/02)	226C	142C	SWITCH ON/OFF (415V-50HZ)
142C	900-99928	NVR SWITCH (415V-50HZ)	227	70-0195	SEAL SWITCH ON/OFF (→ 4/02)
150	7-0009	SCREW (3.5 x 9.5)	228	900-34500	SWITCH KIT (110V-50HZ) (→ 4/02)
151	900-18100	EXTENSION CABLE	228A	900-36500	SWITCH KIT (230V-50HZ) UK (→ 4/02)
152	900-22100	MOTOR (230V-50HZ) (→ 4/02)	228B	900-36600	SWITCH KIT (230V-50HZ) CEE7 (→ 4/02)
152A	900-22400	MOTOR (415V-50HZ)	228C	900-34800	SWITCH KIT (230V-50HZ) AUST (→ 4/02)
152B	900-26800	MOTOR (110V-50HZ) (→ 4/02)	228D	138D	SWITCH KIT (415V-50HZ)
156	7-0008	SCREW (4 X 19)	229	900-34400	MOTOR (110V-50HZ) (→ 4/02)
157	901-99915	INNER COVER SHIELD	229A	900-34300	MOTOR (230V-50HZ) (→ 4/02)
158	901-99916	OUTER COVER SHIELD	229C	152A	MOTOR (415V-50HZ)
159	900-99909	SEAL - SWITCH COVER	230	900-36400	ENGINE PULLEY KIT (HONDA GXH50)
160	900-26104	CAP SWITCH COVER	231	20-0031	ENGINE (HONDA GXH50)
161	800-21250	DECAL MOTOR RATING 230V-50HZ	232	900-99935	BELT GUARD (HONDA GXH50)
161A	800-21260	DECAL MOTOR RATING 110V-50HZ	233	7-6034	BOLT (M6 X 16)
161B	800-21290	DECAL MOTOR RATING 415V-50HZ	234	900-99934	PLATE BELT GUARD (HONDA GXH50)
166	9-12005	BOLT (M12 X 70)	235	900-35300	ENGINE DECK (HONDA GXH50)
167	4-1205	WASHER (M12)	236	71-0180	CABLE ASSY (110V-50HZ) (→ 4/02)
168	MS12	FILLER BUNG	236A	71-0179	CABLE ASSY (230V-50HZ) UK (→ 4/02)
169	7-8003	SET SCREW (M8 X 25 SQ FLOW)	236B	71-0182	CABLE ASSY (230V-50HZ) AUST (→ 4/02)
170	8-12002	NUT (M12)	237	900-37600	GEARBOX ASSEMBLY (→ 10/04)
171	MS11	GEARBOX GASKET	238	900-37601	WORMSHAFT (→ 10/04)
172	CMS10	BEARING (6006)	239	900-37602	GEARBOX CASE (→ 10/04)
173	MS09	DRUM SHAFT	240	5/0052	OIL SEAL (→ 10/04)
174	CMS11	OILSEAL (B407)	241	53-0032	BEARING (→ 10/04)
175	900-24700	GEARBOX ASSEMBLY	242	MS10	GEARBOX BACKPLATE
176	900-24701	WORMSHAFT			
177	PS013	BEARING (6004)			
178	CMS41	OILSEAL			

Belle Group reserves the right to alter details and specification without notice

(1) Item Number / numéro sur le schéma / número de la ilustración / número da ilustração / afbeeldingsnummer / tegningsnummeret / Teil-Nummer / numero dell'illustrazione

(2) Part Number / Numéro de référence de la pièce / número de pieza / número da parte / stuknummer / Styknummer / Nummer auf der Abbildung / numero di parte

(3) Description / Désignation / Descripción / Descrição / Omschrijving / Beskrivelse / Bezeichnung / Descrizione

Parts # 314

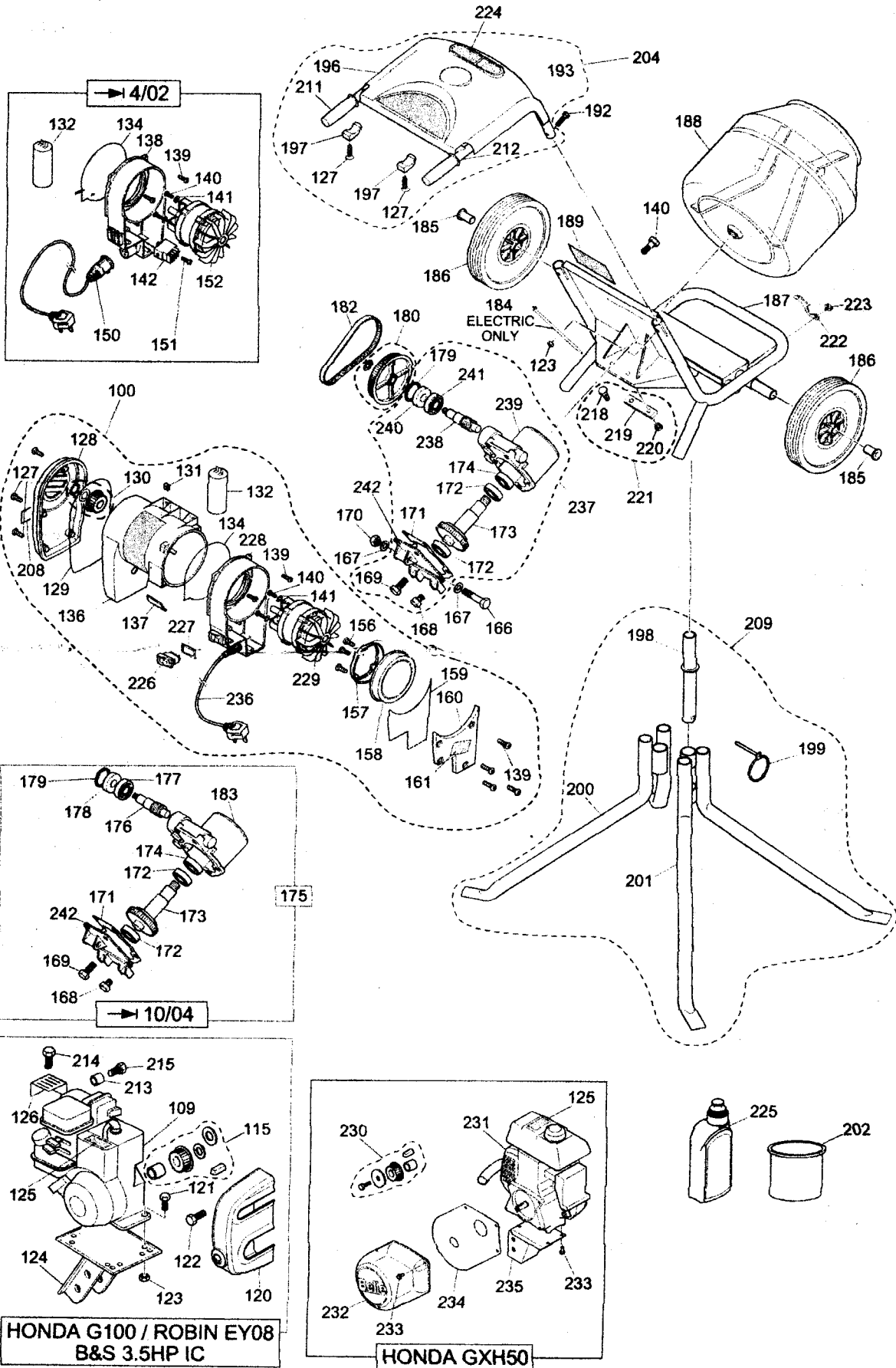
Machine type # 0534

Concrete mixer
Belle 240 volt.



BELLE GROUP MINIMIX 150 (EURO 1) → 7/99

REPLACEMENT PARTS / PIÈCES DE RECHANGE / REPUESTOS / PEÇAS SOBRESSALENTES /
RESERVEONDERDELEN / RESERVEDELE / ERSATZTEILE / PEZZI DI RICAMBIO / RESERVELAR



854/10150/4 01/05 Minimix 150 (Euro 1) Page 1 of 2

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(GB) Serial Numbers / Numéros de série **(F)**
(E) Números de serie / Números de Série **(P)**
(NL) Serienummers

ATTENTION!
 Make a note of the serial numbers of your machine and always quote them in any communication with a Belle Group Dealer.

ATTENTION!
 Notez les numéros de série de la machine et indiquez-les dans toutes vos communications avec un revendeur du Groupe Belle.

ATENCIÓN!
 Tome nota de los números de serie de su máquina y cítelos siempre en cualquier comunicación con un distribuidor del Grupo Belle.

ATENÇÃO!
 Tome nota dos números de série da sua máquina e indique-os sempre na correspondência que trocar com o Concessionário do Grupo Belle.

LET OPI!
 Noteer alle serienummers van uw machine. Bij contact met een Belle Groep-dealer moet u deze nummers vermelden.

ENGINE SERIAL NUMBER. / NUMERO DE SERIE DU MOTEUR.
 NÚMERO DE SERIE DEL MOTOR. / NÚMERO DE SÉRIE DO MOTOR.
 MOTORSERIENUMMER.

MACHINE SERIAL NUMBER. / NUMERO DE SERIE DE LA MACHINE.
 NÚMERO DE SERIE DE LA MÁQUINA. / NÚMERO DE SÉRIE DA MÁQUINA.
 MACHINESERIENUMMER.

(GB) Concrete mixer operators manual Page: 4
(F) Bétonnière manuel de l'opérateur Page: 12
(E) Hormigonera manual del operario Página: 16
(P) Betoneira manual do operador Página: 20
(NL) Betonmolen bedieningshandleiding Bladzijde: 24



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



Introduction



Read this manual, carefully, observing all operating and safety instructions before, during and after using your machine, and maintain you machine in good working order.

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.



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

Safety Instructions



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

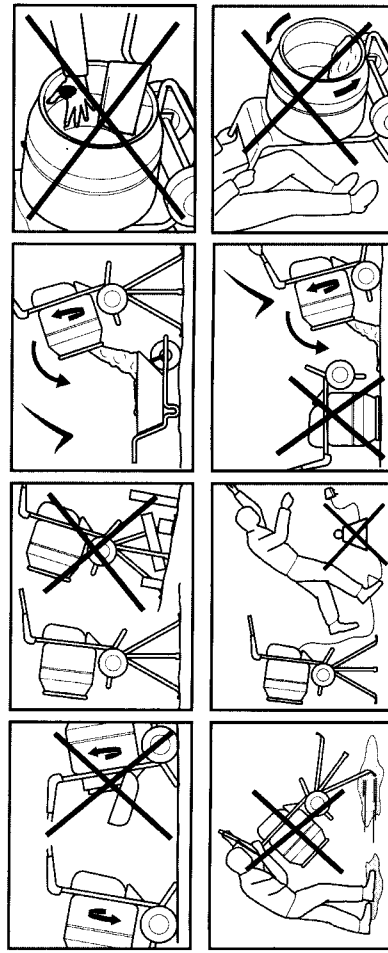
- ▲ Keep unauthorised persons away from mixing drum.
- ▲ Keep area around the mixer clear of obstructions which could cause persons to fall onto moving parts.
- ▲ Always ensure mixer is on level ground before mixing.
- ▲ **DO** become familiar with the controls before operating this machine.
- ▲ **DO** 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.

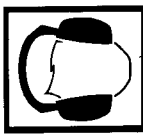
Fire Fighting

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.


GB Warning Decals / Decalcomanies d'avertissement
E Calcomanias de Advertencia / Autocolantes de aviso
NL Waarschuingsstickers




Wear Ear Protection.
 Port De Protection Acoustique
 Lleve Orejeras
 Utilize Proteção Auditiva
 Raag Ooberschermers



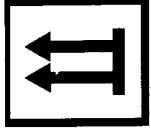
Fire And Explosive Risk
 Risque D'incendie Et D'explosion
 Riesgo De Incendio Y Explosion
 Risco De Incêndio E De Explosão
 Brand-en Ontplofingsgevaar




Wear Eye Protection
 Port De Lunettes De Protection
 Lleve Anteojos
 Utilize Proteção Ocular
 Draag Ooberscherming.




Wear Protective Footwear
 Port De Chaussures De Protection
 Lleve Calzado Protector
 Utilize Calçado De Protecção
 Draag Beschermshoesel




This Way Up
 Haut
 Este Lado Hacia Arriba
 Este Lado Para Cima
 Deze Zidje Boven




Do Not Hang
 Ne Pas Suspendre
 No Deve Colgarse
 Não pendure
 Niet Ophangen



Read Operators Manual
 Lire Le Manuel D'utilisation
 Lea El Manual Del Usuario
 Leia O Manual Do Operador
 Lees De Gebruikershandleiding



Only Stack 3 High.
 Empilage Limite a 3 Niveaux
 Solo Debe Apilarse a 3 Niveles
 Empilhar Apenas a 3 Niveis
 Niet Meer Dan 3 Hoog Stapelen

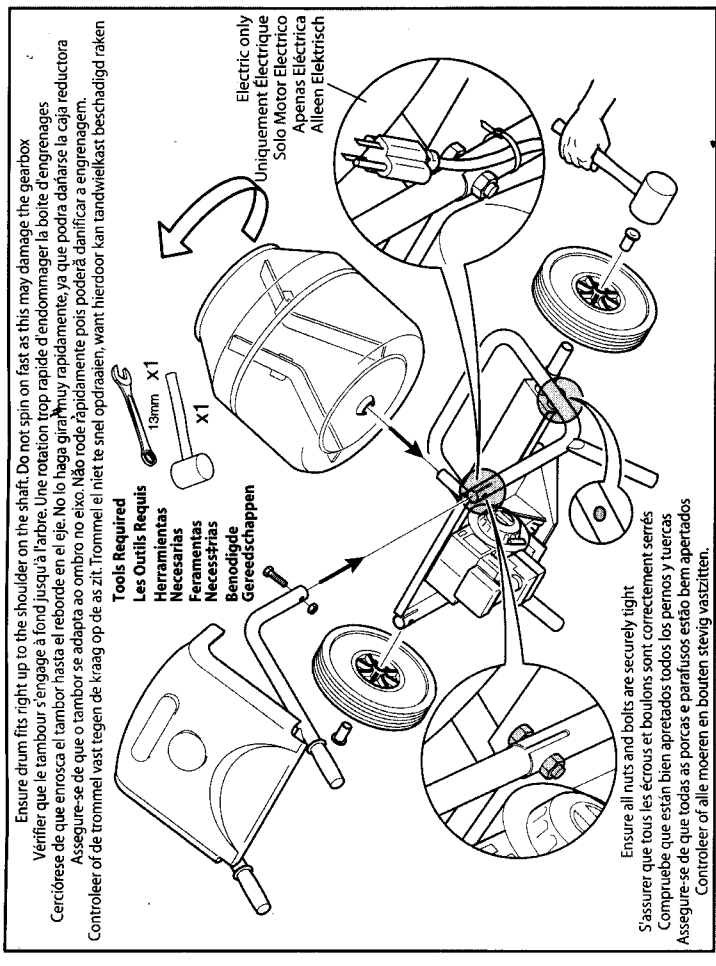


Caution Taken When Handling
 Attention Lors De La Manipulation
 Se Requiere Precaucion Al Manipularia
 Tenha Cuidado Durante O Manuseamento
 Voorzichtig Hanteren



Emergency Stop Button (Electric Only)
 Bouton d'arrêt d'urgence (Uniquement électrique)
 Botón de parada de Emergencia (SOLO MOTOR ELECTRICO)
 Noodstopknop (ALLEEN ELEKTRISCH)

GB Assembly Instructions / Instruções de Montage
E Instrucciones de Montaje / Instruções de Montagem
NL Montagevoorschriften

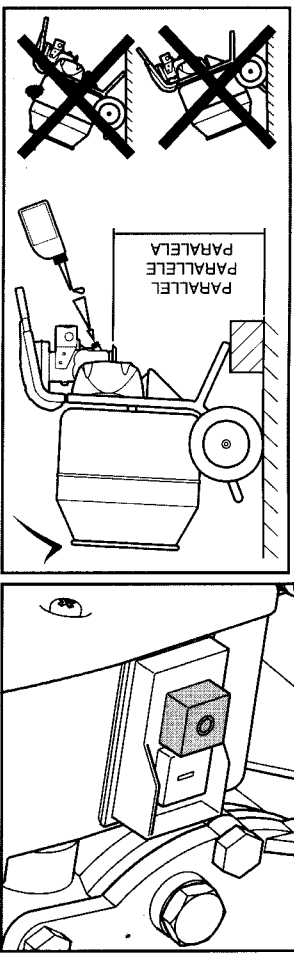


Ensure drum fits right up to the shoulder on the shaft. Do not spin on fast as this may damage the gearbox.
 Vérifier que le tambour s'engage à fond jusqu'à l'arbre. Une rotation trop rapide d'endommager la boîte d'engrenages.
 Cerciórese de que enrosca el tambor hasta el reborde en el eje. No lo haga girar muy rápidamente, ya que podrá dañar la caja reductora.
 Assegure-se de que o tambor se adapta ao ombro no eixo. Não rode rapidamente pois poderá danificar a engrenagem.
 Controleer of de trommel vast tegen de kraag op de as zit. Trommel ei niet te snel opdraaien, want hierdoor kan tandwielkast beschadigd raken.

Tools Required
 Les Outils Requis
 Herramientas Necesarias
 Ferramentas Necessárias
 Benodigde Gereedschappen

Electric only
 Uniquement Electrique
 Solo Motor Electrico
 Apenas Eléctrica
 Alleen Elektrisch

Ensure all nuts and bolts are securely tight
 S'assurer que tous les écrous et boulons sont correctement serrés
 Compruebe que están bien apretados todos los pernos y tuercas
 Assegure-se de que todas as porcas e parafusos estão bem apertados
 Controleer of alle moeren en bouten stevig vastzitten.



PARALLELE
PARALLELA

PLEASE NOTE: SUPPLIED WITH NO OIL IN PETROL ENGINE
 USE BOTTLE PROVIDED FOR INITIAL ENGINE FILL

IMPORTANT: FOURNISSEMENT SANS HUILE DANS LE MOTEUR A ESSENCE
 UTILISER LA BOUTEILLE FOURNIE POUR LA PREMIERE UTILISATION.

NOTA: EL MOTOR DE GASOLINA SE SUMINISTRA SIN ACEITE
 UTILIZAR LA BOTELLA SUMINISTRADA PARA EL PRIMER LLENADO

FAVOR NOTAR: FORNECIDO SEM OLEO NO MOTOR A GASOLINA
 USAR RECEPTE FORNECIDO PARA ENCHIMENTO INICIAL DO MOTOR

LET OP: BENZINEMOTOR IS BIJ ALEVERING NIET GEVULD MET OIL
 GEBRUIK BIJGELEVERDE FLES VOOR AUVULLEN MACHINE



Emergency Stop Button (Electric Only)
 Bouton d'arrêt d'urgence (Uniquement électrique)
 Botón de parada de Emergencia (SOLO MOTOR ELECTRICO)
 Noodstopknop (ALLEEN ELEKTRISCH)

GB

F

Stand Assembly / Montage de Support

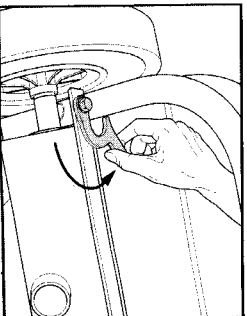
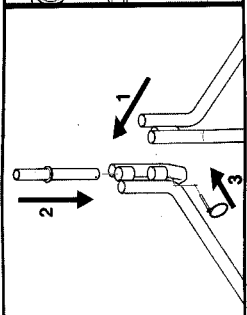
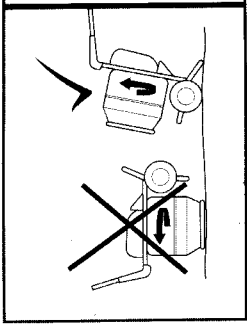
E

P

Montaje Del Caballete / Conjunto Do Suporte

NL

Montage Standaard



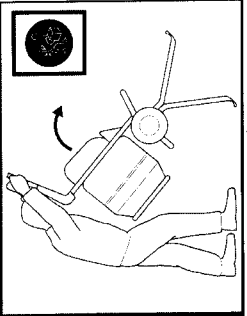
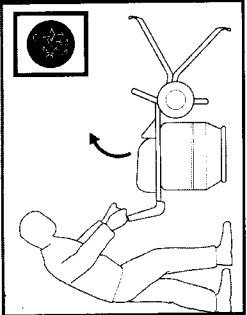
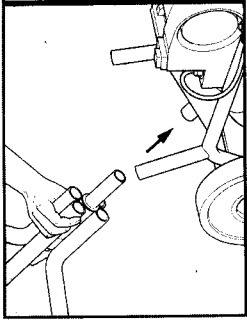
⚠ DO NOT flip mixer onto drum mouth when motor is running.

⚠ NO vuelque la amasadora contra la boca del tambor con el motor en marcha.

⚠ NE PAS basculer la bétonnière sur l'ouverture du tambour lorsque le moteur tourne.

⚠ NAO volte a betoneira para dentro da boca do tambor com o motor em funcionamento.

⚠ Kantei de betonmolen NIET op de trommelopening wanneer de motor draait.



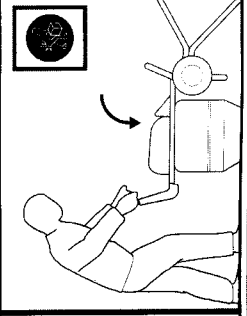
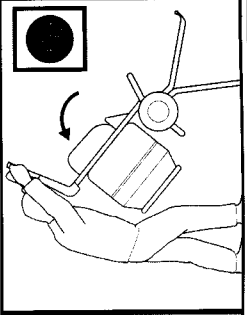
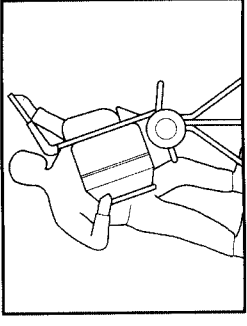
⚠ CAUTION whilst rotating mixer up into stand position, always lift from front of mixer.

⚠ PRECAUTION: Al girar la mezcladora a su posición vertical levántela siempre desde la parte delantera de la mezcladora.

⚠ ATTENTION tout en faisant tourner le mixeur pour le monter en position immobile, levez toujours par l'avant du mixeur.

⚠ CUIDADO: ao rodar o misturador para cima, para a posição vertical, levante-o sempre a partir da parte da frente.

⚠ LET OPI! Als u de mixer naar de rechtopstaande stand draait, moet u hem altijd aan de voorkant van de mixer optillen.



⚠ 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.

⚠ NOTA: Cuando esté listo para desmontar la mezcladora después de utilizarla, siga todos los pasos anteriores en orden inverso. Asegúrese de que el clip del soporte está situado correctamente en el marco.

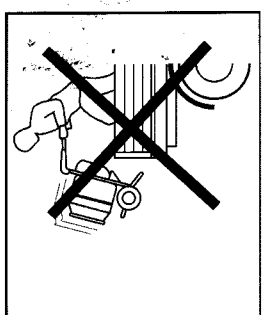
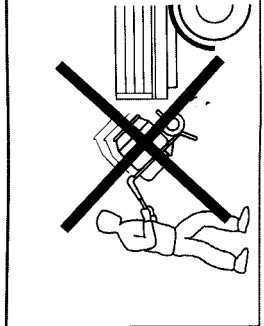
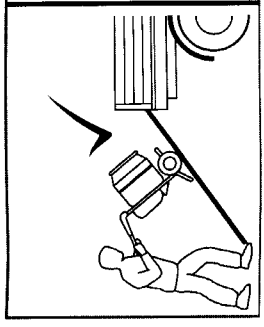
⚠ REMARQUE: Une fois prêt à démanteler le mixeur après usage, suivez toutes les procédures précédentes, mais en sens inverse. Veillez à ce que l'attache de position immobile soit placée correctement sur le bâti.

⚠ NOTA: quando o misturador estiver pronto para ser desmontado depois da utilização, siga todos os procedimentos anteriores mas na ordem inversa. Certifique-se de que o Grampo de fixação vertical está correctamente posicionado na armação.

⚠ OPMERKING: Als u de mixer na gebruik uit elkaar wilt halen, moet u de voorgegeerde procedures in omgekeerde volgorde uitvoeren. Controleer of de positioneringsklem goed op het frame zit.

GB

Loading & Unloading



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.

GB

Mixing Hints

A few hints on mixing. First add water, about 1 1/2 gallons approximately, depending on the type of mix. Cement should go in after some of the aggregates work consistently to the ratio of ingredients as listed below for whatever type of concrete mix you are working to. Beware of low grade aggregates, this only leads to trouble later on with sinking and frost spoiling the appearance of the pour. Also importantly do not get the concrete mix too wet as this can reduce the strength and is less able to withstand weathering. 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. The approximate mixing time for concrete is 2 1/2 minutes, this is taken when all the material, including the water has entered the drum. Over mixing can reduce strength and cause segregation of the coarser aggregates.

Keep your mixer clean, the slightest trace of material left in the drum, will harden and attract more each time you use it until the machine is useless. Do not throw bricks into a mixer drum to clean it out. The best method is 1" gravel and clean water, use plenty of it, as this will do the job in half the time.

TABLE OF CONCRETE MIXERS	MIX	BATCH QUANTITIES						APPROX. BATCH OUTPUT	
		CEMENT 112lb/50kg Bag	SAND		STONE		CU.FT	LTR	
			CU.FT	LTR	CU.FT	LTR			
MOST ORDINARY	1:2:4	1/2 BAG	1 1/4	35	2 1/2	71	3	85	
FOUNDATIONS	1:3:6	1/3 BAG	1 1/4	35	2 1/2	71	2 3/4	78	
ROUGH MASS CONCRETE	1:4:8	1/4 BAG	1 1/4	35	2 1/2	71	2 3/4	78	
WATERTIGHT FLOORS, TANKS RITS ETC.	1:1 1/2:3	2/3 BAG	1 1/4	35	3	71	3	85	

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. The symbols on the ON/OFF switch are 0 (Red)=OFF and 1 (Green)=ON in accordance with international standards.



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. 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.

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.

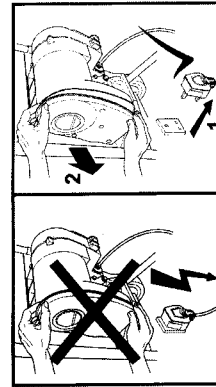
BELT

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.

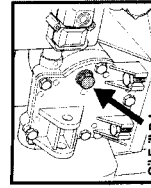


GEARBOX

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.

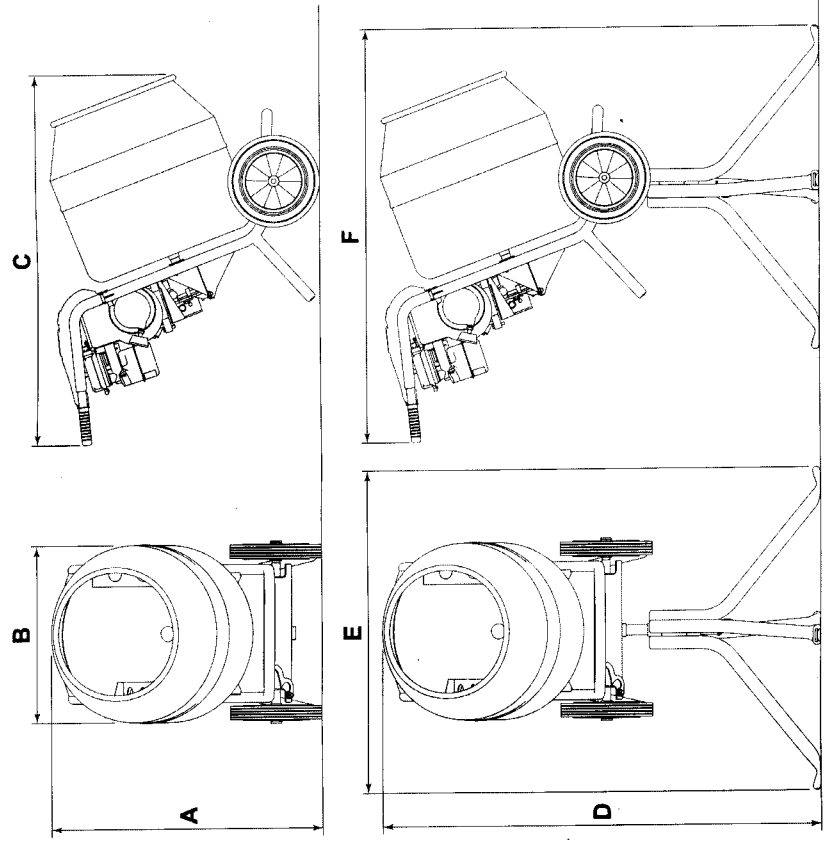


Gearbox Oil Filling Position



Mixing Position

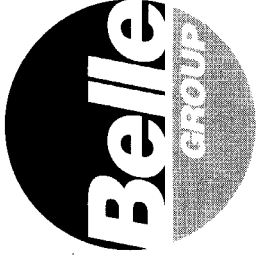
GB Technical Data / Caracteristiques Techniques **F**
E Datos Tecnicos / Dados Técnicos **P**
NL Technische Gegevens



Mixer Model	Modèle de la bétonnière	Modelo de Hormigonera	Módulo de betonera	Modelo Mixer	MINI 150
Overall Dimension	Dimensions hors tout	Dimensiones Exteriores	Dimensiones totales	Globale Afmetingen	
A - Height (Off Stand)	A - Hauteur (hors support)	A - Altura (sin catalalle)	A - Altura (for do suporte)	A - Hoogte (zonder standaard)	897mm
B - Width (Off Stand)	B - Largeur (hors support)	B - Anchura (sin catalalle)	B - Largura (for do suporte)	B - Breedte (zonder standaard)	597mm
C - Length (Off Stand)	C - Longueur (hors support)	C - Longitud (sin catalalle)	C - Compriment (for do suporte)	C - Lengte (zonder standaard)	1211mm
D - Height (On Stand)	D - Hauteur (sur support)	D - Altura (sin catalalle)	D - Altura (no suporte)	D - Hoogte (op standaard)	1431.5mm
E - Width (On Stand)	E - Largeur (sur support)	E - Anchura (sin catalalle)	E - Largura (no suporte)	E - Breedte (op standaard)	1056.0mm
F - Length (On Stand)	F - Longueur (sur support)	F - Longitud (sin catalalle)	F - Compriment (no suporte)	F - Lengte (op standaard)	1227mm

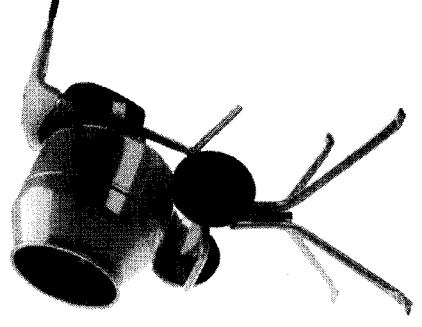
MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC	MINI 150 ELECTRIC
GB	F	E	P	NL	110V	50HZ	415V
Unladen Weight - Electrics	Poids à vide - électrique	Peso sin carga	Peso Descarregada - Eléctrica	Laeg gewicht - Elektrisch	57 kg	57 kg	57 kg
Stand Weight	Poids du support	Peso del caballete	Peso do Suporte	Gewicht standaard	9.5 kg	9.5 kg	9.5 kg
Maximum Drum Capacity	Capacité max. tambour	Capacidad máx. del tambor	Capacidade Máxima do Tambor	Maximale menghoeveelheid	136 lt	136 lt	136 lt
Maximum Mixing Capacity	Capacité max. mélange	Capacidad máx. de mezclado	Capacidade do tambor (RPM)	Draaisnelheid trommel (r.p.m.)	90 lt	90 lt	90 lt
Drum speed (RPM)	Vitesse du tambour (r/min)	Velocidad del tambor (RPM)	Equipamento Eléctrico	Elektrische uitrusting	230V	230V	230V
Electric Equipment	Equipement électrique	Equipo eléctrico	Tensão Nominal	Normale spanning	3 amp	3 amp	3 amp
Normal Voltage	Tension nominale	Tension nominal	Corrente Nominal	Normale stroom	0.6 kw	0.6 kw	0.55 kw
Normal Current	Puissance nominale	Potencia nominal	Corrente Nominal	Normale vermogen	50 Hz	50 Hz	50 Hz
Current Frequency	Frequência de courant	Frecuencia	RPM do Motor	Motorrentale	2850	2850	2780
Motor RPM	Régime du moteur (r/min)	RPM del motor	Sistema de protección	Beschermingsklasse	IP45	IP45	IP45
Protective System	Système de protection	Sistema de protección	Consumo de energía	Ennergieverbruik	670 Watts	670 Watts	550 Watts
Power Consumption	Consommation d'énergie	Consumo de energía	Nivel de potencia sonora	Gemeen geluidsterktheitsniveau	84dB(A)	84dB(A)	84dB(A)
Sound Power Level	Niveau de puissance sonore	Nivel de potencia sonora					

MINI 150 PETROL	MINI 150 ESSENCE	MINI 150 GASOLINA	MINI 150 GASOLINA	MINI 150 BENZINE	MINI 150 BENZINE
GB	F	E	P	NL	ROBIN
Unladen Weight - Petrol	Poids à vide - essence	Peso sin carga	Peso Descarregada - Gasolina	Laeg gewicht - Benzine	60 kg
Stand Weight	Poids du support	Peso del caballete	Peso do Suporte	Gewicht standaard	9.5 kg
Maximum Drum Capacity	Capacité max. tambour	Capacidad máx. del tambor	Capacidade Máxima do Tambor	Maximale inhoud trommel	136 lt
Maximum Mixing Capacity	Capacité max. mélange	Capacidad máx. de mezclado	Capacidade do tambor (RPM)	Draaisnelheid trommel (r.p.m.)	90 lt
Drum speed (RPM)	Vitesse du tambour (r/min)	Velocidad del tambor (RPM)	Motor de combustión	Verbrandingsmotor	24
Combustion Engine	Motor à combustion	Motor de combustión	Modelo	Model	GXH50
Kind of Fuel	Type de combustible	Clase de combustible	Política Normal	Soort brandstof	Petrol
Normal Power Level	Puissance nominale	Potencia nominal	Nivel de potencia sonora	Gemeen geluidsterktheitsniveau	2.2 kw



MINIMIX 150

- (GB) CONCRETE MIXER
OPERATORS MANUAL
- (F) BÉTONNIÈRE MANUEL
DE L'OPÉRATEUR
- (E) HORMIGONERA
MANUAL DEL OPERARIO
- (P) BETONEIRA MANUAL
DO OPERADOR
- (NL) BETONMOLEN
BEDIENINGS-
HANDLEIDING



05334
machine type #
05334
concrete mixer
Belle 240 volt