

LIST OF REFERENCES AGITATORS MANUFACTURED FROM PERU & CHILE

Mixtec as a group of companies it has established technology and manufacturing centers in South Africa, Australia, the United Kingdom, Malaysia, France, the United States, New Zealand and Chile, which has allowed in over 80 years the existence of several thousand installations globally. The list presented below lists the most relevant facilities developed by Mixtec Latin America.

DATE	AMOUNT OF EQUIPMENT	FINAL CUSTOMER	PLANT OR PROJECT	APPLICATION	INSTALLED POTENCY
Jan-09	18	VALE	TRES VALLES/PAPO MONO	SOLVENT EXTRACTION	1,1 at 15 kW
Mar-09	1	YMAD	FARALLON NEGRO	CYANURATION OF Au	37 kW
Apr-09	1	RUSORO MINING	CHOCO 10	CYANURATION OF Au	110 kW
Jun-09	16	MOLYNOR	COMPLEJO INDUSTRIAL MOLYNOR	SOLVENT EXTRACTION	0,75 at 4 kW
Jul-09	6	MOLYNOR	COMPLEJO INDUSTRIAL MOLYNOR	RIL TREATMENT (HDS)	1,5 at 7,5 kW
Jul-09	1	QUIBORAX	ULEXITA PLANT	PRECIPITATION OF BORON SALTS	STATIC MIXER
Ago-09	1	MINERA VOLCAN	CHUNGAR	Zn CONCENTRATE	55 kW
Ago-09	10	CEMIN	FALDA VERDE	CYANURATION OF Au	5,5 at 22 kW
Sep-09	1	CODELCO	ANDINA PHASE I	LIME MILK	2,2 kW
Sep-09	4	ENAMI	DELTA	Cu CONCENTRATES	0,37 at 15 kW
Oct-09	3	REFIMIN	REFIMIN SX Cu PLANT	SOLVENT EXTRACTION	0,75 at 5,5 kW
Oct-09	4	YAMANA GOLD	EXPANSION EL PEÑON	FLOCULANT PREPARATION	STATIC MIXER
Oct-09	1	MOLYNOR	COMPLEJO INDUSTRIAL MOLYNOR	LEES TREATMENT	0,55 kW
Nov-09	12	CEMIN	PULLALI	CYANURATION OF Au	5,5 at 22 kW
Nov-09	3	CEMIN	DOS AMIGOS	SULFUR FUSION	1,5 at 4,0 kW
Feb-10	1	ANGLO ASHANTI	CERRO VANGUARDIA	REAGENT PREPARATION	1,1 kW
Mar-10	2	MOLYMET S.A.	NOS PLANT	SOLVENT EXTRACTION	0,75 kW
Apr-10	1	GUANACO C.M.	GUANACO	ELUATO	1,5 kW
May-10	2	MINSUR	PUCAMARCA	REAGENT PREPARATION	2,2 kW
May-10	9	CEMIN	EL INGLES	CYANURATION OF Au	5,5 at 22 kW
Jun-10	1	ANGLO AMERICAN	LOS BRONCES	LIME MILK	11,0 kW
Jun-10	1	ANGLO ASHANTI	CERRO VANGUARDIA	REAGENT PREPARATION	1,1 kW
Jul-10	1	YAMANA GOLD	EL PEÑON	REAGENT PREPARATION	1,1 at 2,2 kW

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Jul-10	1	ANGLO ASHANTI	CERRO VANGUARDIA	INCO (CYANIDE DETOX)	9,2 kW
Jul-10	1	METECNO S.A.	PANELES PLANT	ADHESIVE PREPARATION	5,5 kW
Ago-10	3	BARRICK	PASCUA LAMA	LIME MILK	7,5 at 11 kW
Sep-10	7	KINROSS	MARICUNGA	SART	0,55 at 11 kW
Nov-10	11	KAZCOPPER	BENKALA	SOLVENT EXTRACTION	30,0 at 1,1 Kw
Nov-10	6	CEMIN	PULLALLI	REAGENT PREPARATION	1,5 at 2,2 Kw
Dec-10	1	SQM	SALAR	CALICHE LEACHING	5,5 kW
Jan-11	1	CEMIN	EL INGLES	CHARCOAL ATTRITION	3,0 kW.
Jan-11	1	CEMIN	PULLALLI	CHARCOAL ATTRITION	3,0 kW.
Jan-11	1	MINERA MANQUIRI	SAN BARTOLOME	LIME MILK	18,5 kW.
Feb-11	1	METECNO	PLANTA PANELES	ADHESIVE PREPARATION	5,5 kW.
Mar-11	2	MARSA	MARSA	FLOCULANT PREPARATION	0,55 kW.
Apr-11	2	VALE	TRES VALLES	SOLVENT EXTRACTION	15,0 y 1,1 kW.
Apr-11	2	YAMANA GOLD	LA FLORIDA	FLOCULANT PREPARATION	4,0 kW.
Apr-11	3	YAMANA GOLD	LA FLORIDA	FLOCULANT PREPARATION	STATIC MIXER
May-11	2	CODELCO	ANDINA PHASE I	LIME MILK	3,0 kW.
Jun-11	2	CODELCO	ANDINA PHASE I	LIME MILK	15,0 kW.
Jun-11	1	MARSA	MARSA	CYANURATION OF Au	22,0 kW.
Jul-11	3	LUMINA COOPER	CASERONES	LIME MILK	15,0 kW.
Jul-11	2	LUMINA COOPER	CASERONES	FLOCULANT PREPARATION	5,5 and 7,5 kW.
Jul-11	3	LUMINA COOPER	CASERONES	FLOCULANT PREPARATION	STATIC MIXER
Jul-11	2	COLLAHUASI	PUERTO PATACHE	FLOCULANT PREPARATION	STATIC MIXER
Ago-11	1	MARSA	MARSA	FLOCULANT PREPARATION	STATIC MIXER
Dec-11	1	BUNAVENTURA	ORCOPAMPA	CYANURATION OF Au	55,0 kW.
Dec-11	2	MINERA VOLCAN	SAN EXPEDITO	REAGENT PREPARATION	5,5 kW.
Feb-12	1	CODELCO	MINISTRO HALES	Cu CONCENTRATE	30 Kw.
Mar-12	4	CMP	CERRO NEGRO NORTE	IRON CONCENTRATE	165 at 220 kW.
Apr-12	8	MINERA LOS MANTOS	MANTOS AL SOL	SOLVENT EXTRACTION	0,75 at 4 ,0 kW.
Apr-12	1	TRIO	OILS PLANT	SOLVENT EXTRACTION	STATIC MIXER
Jun-12	9	BROCAL	CONCENTRATOR PLANT	CONCENTRATE CONDITIONING	150 at 370 kW.

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Jun-12	9	GOLDCORP	CERRO NEGRO	REAGENT PREPARATION	150 at 370 kW.
Sep-12	2	CMP	CERRO NEGRO NORTE	FLOCULANT PREPARATION	STATIC MIXER
Sep-12	4	MINERA VOLCAN	OXIDES PLANT	LIME MILK	7,5 at 15 kW.
Nov-12	4	CODELCO	MINISTRO HALES	LIME MILK	2,2 at 37 kW.
Nov-12	6	CODELCO	POTRERILLOS	CONCENTRATE CONDITIONING	1,1 at 15 kW.
Nov-12	2	BARRICK	PIERINA	LIME MILK	5,5 kW.
Jan-13	3	CEMIN	DOS AMIGOS	SULFUR FUSION	1,1 at 4,0 kW.
Jan-13	1	CEMIN	FALDA VERDE	CIP	5,5 kW.
Jan-13	2	MOLYNOR	LCF	FeCl ₃ LEACH	9,2 kW.
Mar-13	16	ZANDOR CAPITAL	PAMPA VERDE	CIL	0,75 at 15 kW.
Mar-13	3	SALES DE JUJUY	SALAR DE OLARAZ	LITHIUM SALTS	5,5 at 15 kW.
Mar-13	11	MINERA ESCONDIDA	OGP-1	FLOCULANT PREPARATION	2,2 at 11 kW
Mar-13	1	ATACAMA MINERALS	AGUAS BLANCAS	FLOCULANT PREPARATION	2,2 kW
Mar-13	3	CODELCO	TADA	FLOCULANT PREPARATION	2,2 kW
Apr-13	1	MINERA ESCONDIDA	OGP-1	LIME MILK	5,5 kW
Apr-13	3	VOLCAN S.A.C. (PERU)	ALPAMARCA	LIME MILK	1,5 at 7,5 kW
Apr-13	1	HOCHSCHILD (PERU)	INMACULADA	FLOCULANT PREPARATION	3,0 kW
Apr-13	12	PPA. CAMRONES SA	PAMPA CAMARONES	SOLVENT EXTRACTION	11 at 1,1 kW
May-13	2	SIERRA GORDA SCM	SIERRA GORDA	REAGENT PREPARATION	STATIC MIXER
May-13	1	HOLCIM	PUESTO VIEJO	REAGENT PREPARATION	1,5 kW
May-13	1	BARRICK	PASCUA LAMA	SODIUM CYANIDE PREPARATION	15 kW
May-13	1	ZANDOR CAPITAL	PAMPA VERDE	DETOX	11 kW
May-13	2	ANTOFAGASTA MINERALS	ESPERANZA ACD	FLOCULANT PREPARATION	5,5 kW
May-13	1	XSTRATA	ANTAPACCAY	FLOCULANT PREPARATION	3,7 kW
Ago-13	7	HOCHCHILD	INMACULADA	FLOCULANT PREPARATION	STATIC MIXER
Sep-13	4	HMC GOLD SCM	TAMBO DE ORO	PULP CONDITIONING	18,5 at 0,75 kW
Nov-13	3	MINERA PADA LTDA.	DOS AMIGOS	SULFUR FUSION	22 kW
Jan-14	5	BHP BILLITON	SPENCE	SOLVENT EXTRACTION	0,55 kW
Jan-14	4	CIA. MINERA ANTAMINA	ANTAMINA RELAVES	PULP CONDITIONING	0,37 kW

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Apr-14	3	MOLYNOR	LCF	SOLIDS SUSPENSION	3,0 at 4,0 kW
Jun-14	1	MINERA CERRO NEGRO	MINERA CERRO NEGRO	PULP CONDITIONING	4,0 kW
Jun-14	18	MINERVEN	PLANTA CAP. E. VERA	CIP	22 kW
Sep-14	12	CODELCO	MOLYB	MOLY CONC.	1,1 at 18,5 kW
Nov-14	14	CODELCO	MOLYB	EFFLUENT TREATMENT	0,37 at 9,2 kW
Dec-14	1	KINROSS	MARICUNGA	EW SLUDGE	1,1 kW
Dec-14	1	CODELCO	MINISTRO HALES	COPPER CONCENTRATE	55 kW
Jan-15	1	BHP BILLITON	ESCONDIDA	CRUD TREATMENT (SX)	1,5 kW
Jan-15	1	MINERA YANACOCHA	EFFLUENT TREATMENT	FLOCULANT PREPARATION	0,75 kW
Feb-15	1	PUCOBRE	PUCOBRE	LIME MILK	2,2 kW
Mar-15	1	MINERA YANACOCHA	EFFLUENT TREATMENT	REAGENT PREPARATION	5,5 kW
Mar-15	1	MINERA YANACOCHA	EFFLUENT TREATMENT	REAGENT PREPARATION	STATIC MIXER
Apr-15	1	CELCO	ARAUCO PLANT	CASTIFIER (CELLULOSE)	30 kW
Apr-15	32	CODELCO	MOLYB	SOLVENT EXTRACTION	0,55 at 2,2 kW
Apr-15	4	MINERA IRL	DON NICOLAS	REAGENT PREPARATION	0,37 at 3,0 kW
Jun-15	1	HOCHSCHILD	INMACULADA	FLOCULANT PREPARATION	3,0 kW
Jun-15	1	MINERA YANACOCHA	EFFLUENT TREATMENT	REAGENT PREPARATION	2,2 kW
Jun-15	1	GLENCORE	ALTO NORTE	SOLIDS SUSPENSION	1,1 kW
Nov-15	9	AMSA	CENTINELA MOLY	CONCENTRATE CONDITIONING	0,55 at 55 kW
Nov-15	2	SOUTHERN PERU	TOQUEPALA	ACIDULATING PONDS	0,75 kW
Nov-15	3	LUMINA COPPER	CASERONES	LIME MILK	45 kW
Jan-16	2	AMSA	CENTINELA	REAGENT PREPARATION	STATIC MIXER
Apr-16	1	MINSUR	SAN RAFAEL	BACK-FILL MINA	3,7 kW
May-16	1	CODELCO	MOLYB	EFFLUENT TREATMENT	9,2 kW
May-16	5	BHP BILLITON	LAGUNA SECA	FLOCULANT PREPARATION	STATIC MIXER
Jul-16	2	ZANDOR CAPITAL	MARIA DAMA	Au/Ag LEACHING	55 kW
Jul-16	2	SOUTHERN PERU	TOQUEPALA	REAGENT PREPARATION	STATIC MIXER
Jul-16	2	CODELCO	SALVADOR FILTER PLANT	FILTER SUPPLY	5,5 at 45 kW
Sep-16	1	MINSUR	PUCAMARCA	ACTIVATED CARBON	1,5 kW
Oct-16	9	SOUTHERN PERU	TOQUEPALA	PULP CONDITIONING	1,5 at 75 kW

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Nov-16	2	SOUTHERN PERU	TOQUEPALA	FLOCULANT PREPARATION	2,2 at 3,7 kW
Nov-16	5	SOUTHERN PERU	TOQUEPALA	RE PULP PRECIPITATORS	1,5 at 3,7 kW
Dec-16	1	HMC GOLD	TAMBO DE ORO	FLOCULANT PREPARATION	0,75 kW
Jan-17	1	PUCOBRE	EL ESCORIAL	LIME MILK PREPARATION	15 kW
Feb-17	4	CODELCO	CHUQUICAMATA	EFFLUENT TREATMENT	15 at 22 kW
Feb-17	6	VOTORANTIM PERU	CAJAMARQUILLA	PHOSPHATE EFFLUENT TREATMENT	1,5 kW
Mar-17	2	SOUTHERN PERU	TOQUEPALA	FLOCULANT PREPARATION	3,7 at 5,5 kW
Mar-17	3	SOUTHERN PERU	TOQUEPALA	FLOCULANT PREPARATION	STATIC MIXER
May-17	6	SOUTHERN PERU	TOQUEPALA	Mo CONCENTRATE, LIME MILK	15 at 55 kW
Jun-17	2	YAMANA GOLD	LA FLORIDA	FLOCULANT PREPARATION	4,0 kW
Jun-17	2	SOUTHERN PERU	TOQUEPALA	FLOCULANT PREPARATION	STATIC MIXER
Jun-17	1	CODELCO	ANDINA	REAGENT PREPARATION	STATIC MIXER
Jun-17	1	CODELCO	ANDINA	FLOCULANT PREPARATION	5,5 kW
Ago-17	1	MOLYMET	NOS PLANT	COPPER CEMENT	11 kW
Ago-17	2	AMSA	LOS PELAMBRES	FLOCULANT PREPARATION	0,37 kW
Sep-17	4	RIASA GONHER	MONTERREY PLANT	LEAD SULPHATE RE PULP	15 at 22 kW
Oct-17	2	ALBEMARLE	CAPRICORNIO	LITHIUM CARBONATE	STATIC MIXER
Oct-17	9	ALBEMARLE	CAPRICORNIO	LITHIUM CARBONATE	3,7 at 7,5 kW
Jan-18	12	BHP BILLITON	SPENCE SGO	CONCENTRATE CONDITIONING - REAGENTS	0,75 at 55 kW
Jan-18	4	SOC. MINERA EL BROCAL	EL BROCAL	PULP CONDITIONING	150 at 370 kW
Jan-18	1	CAP/CMP	PLANTA PELLETS	LIME MILK	2,2 kW
Feb-18	4	ALBEMARLE	CAPRICORNIO	LITHIUM CARBONATE	2,2 at 7,5 kW
Mar-18	1	HOCHSCHILD	SANTA CRUZ	PULP CONDITIONING	15 kW
Mar-18	3	BHP	SPENCE	FLOCULANT PREPARATION	11 kW
Mar-18	3	SOUTHERN PERU	QUEBRADA HONDA	EFFLUENT NEUTRALIZATION	7,5 at 37 kW
Apr-18	6	SOUTHERN PERU	TOQUEPALA	RE PULP	2,2 kW
May-18	12	MINSUR	SAN RAFAEL	REAGENT PREPARATION	0,75 at 3,7 kW
May-18	1	CEMIN	PULLALLI	ALTO CIZALLE (TAILINGS)	5,5 kW
May-18	7	MINSUR	MINA JUSTA	REAGENT PREPARATION	STATIC MIXER

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Ago-18	3	SOUTHERN PERU	TOQUEPALA	RE PULP	2,2 kW
Ago-18	1	BHP	SGO	LIME MILK	5,5 kW
Oct-18	4	SOUTHERN PERU	TOQUEPALA	REAGENT PREPARATION	0,75 at 1,5 kW
Oct-18	1	MMG LAS BAMBAS	LAS BAMBAS	FLOCULANT PREPARATION	0,7mAR-205 kW
Oct-18	5	SOUTHERN PERU	TOQUEPALA	LIME MILK	0,75 at 5,5 kW
Dec-18	16	ANGLO AMERICAN	QUELLAVECO	REAGENT PREPARATION Cu & Mo CONCENTRATES	0,75 at 75 kW
Dec-18	1	CHINALCO	TOROMOCHO	FLOCULANT PREPARATION	STATIC MIXER
Jan-19	2	SCM TRES VALLES	TRES VALLES	SOLVENT EXTRACTION	1,1 at 15 kW
Jan-19	1	BHP	SGO	LIME MILK	5,5 kW
Jan-19	3	HANAQ GROUP	SAL DE LOS ANFELES	LIME MILK	1,5 at 15 kW
Jan-19	1	MINSUR	MINA JUSTA	LIME MILK	1,1 kW
Jan-19	6	MINSUR	MINA JUSTA	REAGENT PREPARATION	0,75 at 3,0 kW
Jan-19	7	SOUTHERN PERU	TOQUEPALA	RE PULP	1,1 kW
Feb-19	1	MINA PIRQUITAS	PIRQUITAS	FLOCULANT PREPARATION	5,5 kW
Feb-19	1	MOLYNOR	MOLYNOR	FILTER SUPPLY	4,0 kW
Mar-19	10	ERAMET	CENTENARIO LITHIUM	LITHIUM SALTS	0,75 at 4,0 kW
Abr-19	1	CHINALCO	TOROMOCHO	LIME MILK	7,5 kW
Apr-19	1	ANGLO AMERICAN	QUELLAVECO	LIME MILK	5,5 kW
Apr-19	4	ANGLO AMERICAN	QUELLAVECO	FLOCULANT PREPARATION	7,5 kW
May-19	2	MINERA DON NICOLAS	DON NICOLAS	REAGENT PREPARATION	0,37 kW
May-19	3	HOCHSCHILD	MINERA SANTA CRUZ	NaCN DETOX	15 kW
Jun-19	1	MINERA VOLCAN	CHUNGAR	FLOCULANT PREPARATION	0,75 kW
Jul-19	1	SQM	COYA SUR	FILTER FEEDING	55 kW
Sep-19	1	CIAPROMASE	CRUDE OIL PLANT	CRUDE OIL – SIDE ENTRY	4,0 kW
Sep-19	1	SOUTHERN PERU	QUEBRADA HONDA	EFFLUENT TREATMENT	30 kW
Oct-19	1	GRUPO MEXICO	SANTA BARBARA	PULP CONDITIONING	0,75 kW
Oct-19	2	GRUPO MEXICO	CHARCAS	PULP CONDITIONING	0,75 kW
Oct-19	4	SALES DE JUJUY	SALAR DE OLAROZ	LIME MILK	2,2 at 15 kW
Nov-19	1	GLENCORE	TINTAYA	PULP CONDITIONING	0,75 kW

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Nov-19	1	MINERA VOLCAN	CHUNGAR	FLOCULANT PREPARATION	STATIC MIXER
Dec-19	10	SALES DE JUJY	SALAR DE OLAROZ	LIME MILK & ACOND. CARBONATO DE LITIO	5,5 at 55 kW
Dec-19	2	HEMCO	PLANTA BONANZA	CYANURATION OF Au/Ag	55 kW
Jan-20	1	SOUTHERN PERU	TOQUEPALA	SOLIDS SUSPENSION	5,5 kW
Jan-20	1	MINERA EXAR	SALARA CAUCHARI OLAROZ	LITHIUM CHLORIDE CONDITIONING	STATIC MIXER
Mar-20	1	ANGLO AMERICAN	SAN FRANCISCO	EFFLUENT NEUTRALIZATION	37 kW
Mar-20	1	ANGLO AMERICAN	QUELLAVECO	FLOCULANT PREPARATION	3,7 kW
Mar-20	3	ANGLO AMERICAN	QUELLAVECO	FLOCULANT PREPARATION	STATIC MIXER
May-20	1	CIA. MINERA COLLAHUASI	PUERTO PATACHE	CONCENTRATE CONDITIONING	0,75 kW
Ago-20	3	MINERA VOLCAN	ANIMON	TAILINGS TREATMENT	22 at 45 kW
Sept-20	2	GOLD FIELDS	SALARES NORTE	CCD SOLIDS SUSPENSION	2,2 kW
Oct-20	2	GOLD FIELDS	SALARES NORTE	FLOCULANT PREPARATION	3,0 at 7,5 kW
Oct-20	7	GOLD FIELDS	SALARES NORTE	FLOCULANT PREPARATION	STATIC MIXER
Nov-20	9	SALES DE JUJUY	SALAR DE OLAROZ	LIME MILK ACONDICIONADORES LiCO ₃	5,5 at 75 kW
Nov-20	3	GOLD FIELDS	SALARES NORTE	REAGENTS PREPARATION NaCN / NaOH	3,0 at 5,5 kW
Dec-20	2	GOLD FIELDS	SALARES NORTE	REAGENTS PREPARATION CuSO ₄ / SMBS	3,0 at 7,5 kW
Dec-20	2	HEMCO	DETOX PLANT - TAILINGS	DETOX REACTORS	55 kW
Dec-20	3	GOLD FIELDS	SALARES NORTE	LIME MILK PREPARATION	1,5 at 5,5 kW

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