

LIST OF MAJOR EXPERIENCE FOR ONGOING & COMPLETED PROJECTS

MANUFACTURER NAME	<i>GRANDE MECCANICA S.p.A</i>	PRESSURE VESSELS
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* Scope of order: S= Supply, E= Engineering, M= Manufacturing, I= Installation

OUR JOB	PROJECT TITLE	CLIENT NAME / END USER	No. Order	SCOPE OF WORKS/SPECIFICATIONS	YEAR OF SUPPLY	ROLE IN SUPPLY *
95050/51	Montell – Holland	Tecnimont S.p.A.	L010065CE	No. 4 Feeding Hoppers Dimensions:Φ x L thk 1000 x 3410 x 18 1100 x 3595 x 18 Tot. Weight: 5.500 kg	1995	S-E-M
96003	P.P. Plant Holland	Montell Italia	L030206CE	No. 2 storage drum Dimensions:Φ x L thk 3000 x 12000 x 27 Tot. Weight: 33800 kg	1996	S-E-M
96039	China	Tecnimont S.p.A.	W090026CE	No.1 Dryer Dimensions:Φ x L thk 2000 x 4500 x 5 Tot. Weight: 2.700 kg	1996	S-E-M
97043-46	Urea Plant Al Jubail KSA	Tecnimont SAFCO	W181097NG	1st Stage Vacuum Evaporators Dimensions:Φ x L thk 5000 x 3300 x 16 2850 x 2140 x 10 Weight: 36.200 kg	1997	S-E-M
97043-47				No.2 Flash Separator 1350 x 6000 x 13 950 x 3800 x 11 Tot. Weight: 20.700 kg		
98360	Castel Massa	Cerestar	76439	No.1 Separator Vessel Dimensions:Φ x L thk 3000 x 2700 x 20 Tot. Weight: 8500 kg	1998	S-E-M
02120	Marun - Iran	Tecnimont S.p.A.	80002089	No.1 EO Converter Dimensions:Φ x L –W- H 1321 / 406,4 x 23584 x 5284 x 6321 Tot. Weight: 53.000 kg	2002	S-E-M
07140	350 KT/Y LDPE BOREALIS STENUNGSUND, SWEDEN	Tecnimont S.p.A. / Borealis	93200050	No.7 SS pressure vessels Dimensions:Φ x L x thk 3000 x 10500 x 9/10/12 4000 x 12000 x 12/15 Tot. Weight: 88.000 kg.	2007	S-E-M

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07090	30572F-ME EXPANSION PROJECT – PHASE II - MOA CUBA	Technip KTI / Metal Enterprise	30572F/A/0005	No. 4 S.S./C.S Pressure vessels Dimensions:Φ x L x thk 650 x 2150 x 8 1100 x 2500 x 15 Tot. Weight: 4.900 kg.	2007	S-E-M
08110	NYNASHAM REFINERY NHN 2020 HG4 - SWEDEN	KTI / AB Nynas Petroleum	30596/A/0010	No. 1 C.S. Steam drum Dimensions:Φ x L x thk 1700 x 7500 x 27 Weight: 13.400 kg.	2008	S-E-M
08150	OIL REFINING AND PETROCHEMICALS PLANT - TATARSTAN REPUBLIC - RUSSIAN FEDERATION	Tecnimont S.p.A. / OJSC Taneco	7500005296	No. 8 C.S. Pressure Vessels Dimensions:Φ x L x thk 2700 x 8100 x 22/25 3900 x 12000 x 22 1800 x 6000 x 16 Tot weight: 86.000 kg	2009	S-E-M
09150	30623 UNITA' 1800 IMPIANTO IDROGENO - RAFFINERIA DI BUSALLA - ITALY	Technip KTI / IPLOM S.p.A.	30606/A14 30623/A13	No. 12 S.S./C.S. Low Pressure Vessels Dimensions:Φ x L x thk 601 x 1800 x 8 1300 x 5000 x 18/20 2700 x 7500 x 13 Tot weight: 48.500 kg No. 5 S.S./C.S. Pressure Vessels 590 x 1959 x 10/22 1000 x 2800 x 25/27 Tot weight: 13.200 kg	2009	S-E-M
09270	10.000 BSPD UOP PENEX-DIH UNIT - BAGHDAD IRAQ	STP / Midland Refinery Co. Daura Refinery	619	No. 12 C.S. Pressure Vessels 1500 x 3200 x 9 3000 x 7500 x 7 2400 x 7200 x 16 Tot weight: 47.900	2010	S-E-M
10020	PROPANE DEHYDROGENATION POLYPROPYLENE PROJECT - TOBOLSK - TYUMEN OBLAST – RUSSIAN FEDERATION	Tecnimont S.p.A. / Tobolsk Polymer LLC (JSC SIBUR Holding)	7500014148	No. 4 C.S. Pressure Vessels Dimensions:Φ x L x thk 5700 x 4800 x 20 4500 x 13500 x 46 3700 x 19600 x 18 Tot weight: 235.520 kg	2011	S-E-M

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10060	INTEGRAZIONE ATTIVITA ENI RAVENNA EPC - ITALY	Tecnimont S.p.A./ Polimeri Europa	7500016675	No. 8 C.S. Pressure Vessels 1000 x 2500 x 7 1900 x 3800 x 16 3500 x 10500 x 17 Tot weight: 110.300 kg	15-gen-11	S-E-M
10170	1000 OSILUB UNITE DE REGENERATION D'HUILES USAGEES GONFREVILLE L'ORCHER PLANT - FRANCE	STP / OSILUB	006	No. 11 C.S (+MONEL) Pressure Vessels 1000 x 1800 x 6/8 1200 x 2900 x 10 1800 x 5000 x 8/13 2300 x 6700 x 10/15/17 Tot weight: 24.200 kg	15-giu-11	S-E-M
11020	LDPE Plant 400 KT/Y - NOVY URENGOY - RUSSIAN FEDERATION	Tecnimont S.p.A. / LLC Novy Urengoy Gas and Chemical Complex	7500019609	No. 2 C.S. Pressure Vessels 1600 x 3500 x 10 600 x 20000 x 8 Tot weight: 10.000 kg	15-nov-11	S-E-M
11040	10,000 UOP PENEX ISOMERIZATION UNIT - BAGHDAD, IRAQ	STP / Midland Refinery Co. Daura Refinery	651	No. 1 C.S. Pressure Vessel Dimensions:Φ x L thk 2600 x 7800 x 12 Tot. Weight: 8.500kg	15-nov-11	S-E-M
12020	TOMBAK / SADARA PROJECT – IRAN-ACTUALLY SUSPENDED FOR CLIENT DECISION	Linde AG	0014C25080 Sup.000	No. 2 Pressure Vessels Dimensions:Φ x L thk 3300 x 10000 x 22 3000 x 5700 x 20 Tot. Weight: 50.500kg	31-mar-13	S-E-M
12040	KENSINGTON PROJ. - HARRISON COUNTY, OH - U.S.A.	Linde AG	0014C51400 Sup.000	No. 1 C.S. Deethanizer Condenser Dimensions:Φ x L thk 3200 x 6000 x 26 Tot. Weight: 23.500kg	17-mag-12	S-E-M
12060	ETILENO XXI PROJ. 300 Kt/y LDPE PLANT - BRASKEM - INDESA SAPI - COATZACOALCOS - MEXICO	Tecnimont S.p.A. / BRASKEM INDESA SAPI	7500035560	No. 8 CS & S.S. Pressure Vessels Dimensions:Φ x L thk 2800 x 4400 x 8 3600 x 8800 x 21 3200 x 6400 x 28 Tot. Weight: 118.132kg	10-set-13	S-E-M

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12070	2408 ETILENO XXI PROJ. 300 Kt/y LDPE PLANT - BRASKEM - INDESA SAPI - COATZACOALCOS - MEXICO	Technip France/ BRASKEM INDESA SAPI	BI-ETILENO-0142/12 REV 0	No. 11 CS Drums Dimensions:Φ x L thk 1300 x 8820 x 15 3500 x 7500 x 34 4360 x 4600 x 30 Tot. Weight: 159.508kg	31-ago-13	S-E-M
12080	SABIC HDPE PILOT PLANT - AL JUBAIL - KSA-CANCELLED	Tecnimont KT / SABIC	7500036442	No. 8 S.S. Pressure Vessels Dimensions:Φ x L thk 6" x 450 x 4 350 x 500 x 5 800 x 1800 x 5 Tot. Weight: 1.850kg	2013	S-E-M
12090	SABIC HDPE PILOT PLANT - AL JUBAIL - KSA-CANCELLED	Tecnimont KT / SABIC	7500036455	No. 1 S.S. Powder Treatment Vessel Dimensions:Φ x L thk 1000 x 3000 x 6 Tot. Weight: 2.170kg	2013	S-E-M
13010	INLET GAS COMPRESSION STATION Wafa Desert Plant - Libya	Bonatti Group / Mellitah Oil & Gas B. V. Libyan Branch.	OA/13000199	No.1 C.S. & C.S. + SS316L Cladd Sum Drum Dimensions:Φ x L thk 2000 x 7300 x 9/10 Tot. Weight: 6.418kg	2013	S-E-M
13020	SLOVNAFT LDPE 4-220 kt/y SPC PROJ – BRATISLAVA – SLOVAK REPUBLIC	Tecnimont Salzgitter TPI / SLOVNAFT Petrochemicals s.r.o..	7500038662	No. 15 S.S. Pressure Vessels Dimensions:Φ x L thk 600 x 800 x 16/14/8 1400 x 1000 x 42/42/12 2800 x 5800 x 12 3200 x 12000 x 16 Tot. Weight: 83.688kg	2014	S-E-M
13030	KENSINGTON PROJ. - HARRISON COUNTY, OH - U.S.A.	Linde AG	0014D44710 Sup.000	No. 1 C.S. Deethanizer Condenser Dimensions:Φ x L thk 3200 x 6000 x 26 Tot. Weight: 23.500kg	21-mar-14	S-E-M

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16030	COMBINED OIL REFINING UNIT (CORU) – MOSCOW – RUSSIAN FEDERATION	Tecnimont S.p.A. / Gazprom	7500053442	No. 3 C.S.+ SS316L & No. 1 Pressure Vessel Dimensions:Φ x L thk 1800/600 x 7000 x 82/77+5; 26+5 2600/600 x 7700 x 55/49+5; 20+5 2400/800 x 7000 x 52/46+5; 26+5 1400 x 4200 x 62 Tot. Weight: 111.436kg	9-gen-17	S-E-M
16110	PP/PE/UT SOHAR (OM) EPC - LIWA PLASTIC INDUSTRIES COMPLEX Project - ORPIC SULTANATE OF OMAN	Tecnimont S.p.A. / ORPIC LLC	7500058284	No.1 Duplex Steamers with Agitator & No. 1 Dryer Dimensions:Φ x L thk 2200 x 12270 x 13 2000 / 2800 x 5700 x 6 Tot. Weight: 34.360kg	14-lug-17	S-E-M
16140	GARA: S000002540 RAFFINERIA DI GELA - ITALY	Raffineria di Gela	54300035887	No. 1 C.S. Cladded in Alloy 625 Pressure Vesse Dimensions:Φ x L thk 2500 x 15250 x 50+3 Tot. Weight: 54.421kg	10-lug-17	S-E-M
16170	EQUISTAR CHEMICALS, Hyperzone LB-1, La Porte TX, USA, U.S.A.	Bechtel Oil Gas & Chemicals, Inc.	4402841712 (PO BECHTEL 26087-100-POA- MVA0-00003)	No. 3 Duplex Stainless & C.S. Pressure Vessels Dimensions:Φ x L thk 1524 / 2743 x 10160 x 6/10 Tot. Weight: 40.074 kg	27-set-17	S-E-M
17020	PP/PE/UT SOHAR (OM) EPC - LIWA PLASTIC INDUSTRIES COMPLEX Project - ORPIC SULTANATE OF OMAN	Tecnimont S.p.A. / ORPIC LLC / BASELL/UNIVATION / UNIPOL Technology	7500060121	No. 5 C.S. Pressure Vessels Dimensions:Φ x L thk 900 / 1000 x 2600 x 8/9 1400 x 3000 x 8 1900 x 7000 x 23 2500 x 5500 x 16 Tot. Weight:61.100 kg	12-gen-18	S-E-M
17050	PP/PE/UT SOHAR (OM) EPC - LIWA PLASTIC INDUSTRIES COMPLEX Project - ORPIC SULTANATE OF OMAN	Tecnimont S.p.A. / ORPIC LLC / BASELL/UNIVATION / UNIPOL Technology	7500060122	No. 32 Vessels with Agitators Dimensions:Φ x L thk 100 x 2900 x 10 1100 x 3200 x 10 1400 x 1950 x 10 Tot. Weight:10.174 kg	9-gen-18	S-E-M

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17120	APPARECCHI APPARATO MICRODISTILLAZIONE GARA 30045571 VERSALIS STABILIMENTO DI MANTOVA	ENI S.p.A. / Versalis S.p.A.	3500044238	No. 6 Equipment Dimensions:Φ x L thk 190 x 200 x 5 3" x 500 x 3 3" x 1000 x 3 Tot. Weight: 502 kg.	27-dic-17	S-E-M
17140	COMBINED OIL REFINING UNIT (CORU) – MOSCOW – RUSSIAN FEDERATION	Tecnimont S.p.A. / Gazprom	7500062838	No. 1 Pressure Vessel Dimensions:Φ x L thk 3200 x 4400 x 13 Tot. Weight: 10.592 kg	27-dic-17	S-E-M
17150	EP Services for EP-300 Plant Revamping AZERIKIMYA. MR:2542-000-MR-0811-001 – SHOP ASSEMBLED DRUMS&REACTORS	Technip	O4816	No. 18 Pressure Vessel (Materials: LTCS; Clad; SS Dimensions:Φ x L thk 1200x1800x10 1720x6900x18 2x 3200x6100x18 2x 3200x10400x18 2x 3000x6600x17 1450x3100x11 1800x8050x27 800x5300x24 2x 1800x10850x30 2x 2300x5050x36 2200x5200x34 2x 2000x3200x31 Tot. Weight: 300,000 kg	1-feb-18	S-E-M
18180	EDISON PLANT - EQUISTAR CHEMICALS, LP	Larsen & Toubro Technology Services	4403387007	No. 1 Hopper (SA 240 S31803 / S32205) Dimensions:Φ x L thk 1980 x 5000 x 10 Tot. Weight: 2.700 kg No. 1 Hopper (SA 240 S31803 / S32205) Dimensions:Φ x L thk 12000 x 3100 x 10 Tot. Weight: 1.800 kg	16-lug-19	S-E-M