

LIST OF MAJOR EXPERIENCE FOR ONGOING & COMPLETED PROJECTS

MANUFACTURER NAME	<i>GRANDE MECCANICA S.p.A</i>	LOOP /PREPOLY REACTOR
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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 *
94003/004	100 KT/Y PP Plant - UFA, RUSSIAN FEDERATION	Tecnimont S.p.A. / OAO Ufaneftekhim	W760274CE	No.1 loop reactor Dimension : (Ø x L x Thk) Shell: 583.6 x 35000 x 13 Jacket: 890 x 35000 x 10 Tot. Weight: 180.000 kg	1994	S-E-M
94003/004	100 KT/Y PP Plant - UFA, RUSSIAN FEDERATION	Tecnimont S.p.A. / OAO Ufaneftekhim	W760274CE	No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 154 x 9500 x 7.11 Jacket: 180 x 9500 x 15.1 Tot. Weight: 3.200 kg	1994	S-E-M
95001÷2	P.P. Plant Thailand	Tecnimont S.p.A.	W010015CE	No.2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 189 x 15000 x 15.1 Jacket: 154 x 15000 x 7.11 Tot. Weight: 4.300 kg	1995	S-E-M
95001÷2	P.P. Plant Thailand	Tecnimont S.p.A.	W010015CE	No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 581.6 x 35000 x 14 Jacket: 690 x 35000 x 10 Tot. Weight: 226.500 kg	1995	S-E-M
95007	P.P. Plant Netherlands	Montell Italia	L010015	No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 189 x 13000 x 15.1 Jacket: 154 x 13000 x 7.11 Tot. Weight: 3650 kg	1995	S-E-M
95031	P.P. Plant Ferrara - Italy	Tecnimont S.p.A.	03/344	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 204.8 x 4600 x 7.62 Tot. Weight: 1630 kg	1995	S-E-M
95052	Montell Holland	Tecnimont	L010055CE	1st Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 188.9 x 15800 x 15.1 Jacket: 146.3 x 15800 x 11 Tot. Weight: 4.000 kg	1995	S-E-M

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95053	Montell Holland	Tecnimont S.p.A.	L010055CE	2nd Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 373 x 14000 x 16.7 Jacket: 450 x 14000 x 6 Tot. Weight: 138.000 kg	1995	S-E-M
95025÷27	P.P. Plant South Africa	Tecnimont S.p.A.	W930035CE	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 482 x 24000 x 13 Jacket: 574 x 24000 x 9 Tot. Weight: 138.000 kg	1995	S-E-M
96048	P.P. Plant Triunfo, Brazil	Tecnimont S.p.A.	B7401061E	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 580 x 35000 x 15 Jacket: 690 x 35000 x 10 Tot. Weight: 227.600 kg	1996	S-E-M
96050	P.P. Plant Triunfo, Brazil	Tecnimont S.p.A.	B7401061E	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 154 x 20000 x 7.11 Jacket: 189 x 20000 x 15.1 Tot. Weight: 5.600 kg	1996	S-E-M
97081	LLDPE Haldia, India	Tecnimont S.p.A.	W310047BT	1st Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 254.5 x 13000 x 9.27 Jacket: 303 x 13000 x 10.3 Tot. Weight: 6.320 kg	1997	S-E-M
97082	LLDPE Haldia, India	Tecnimont S.p.A.	W310047BT	2nd Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 484 x 16000 x 12 588 x 16000 x 8 Jacket: 588 x 16000 x 8 Weight: 6320 kg	1997	S-E-M
97038	P.P. Plant Triunfo, Brazil	Tecnimont S.p.A.	W160837BJ	1st Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 303 x 14000 x 10.3 Jacket: 534.4 x 14000 x 9.27 Tot. Weight: 6.650 kg	1997	S-E-M

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97039	P.P. Plant Triunfo, Brazil	Tecnimont S.p.A.	W160837BJ	2nd Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 484 x 17000 x 12 Jacket: 550 x 17000 x 8 Tot. Weight: 18.150 kg	1997	S-E-M
97017	Berre - France	Tecnimont S.p.A.	W220057CE	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 582 x 41000 x 14 Jacket: 690 x 41000 x 10 Tot. Weight: 242.000 kg	1997	S-E-M
97018	Berre - France	Tecnimont S.p.A.	W220057CE	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 189 x 21000 x 15.1 Jacket: 154 x 21000 x 7.11 Tot. Weight: 5.850 kg	1997	S-E-M
98130	Talcahuano Chile	Tecnimont S.p.A.	WA20028CE	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 482 x 28000 x 13 Jacket: 574 x 28000 x 12 Tot. Weight: 137.000 kg	1998	S-E-M
98132	Talcahuano Chile	Tecnimont S.p.A.	WA20028CE	No. 2 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 154 x 9500 x 7.11 Jacket: 189 x 9500 x 15.1 Tot. Weight: 3.300 kg	1998	S-E-M
98420	Thessaloniki Greece	Tecnimont S.p.A.	W500038CE	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 580 x 35000 x 15 Jacket: 690 x 35000 x 18 Tot. Weight: 225.000 kg	1998	S-E-M
				No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 154 x 15000 x 7.11 Jacket: 189 x 15000 x 15.1 Tot. Weight: 4.800 kg		

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98230	Tiszavjvaris Hungary	Tecnimont S.p.A.	W410018CE	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 154 x 15000 x 7.11 Jacket: 189 x 15000 x 15.1 Tot. Weight: 4.800 kg	1998	S-E-M
98232	Tiszavjvaris Hungary	Tecnimont S.p.A.	W410018CE	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 580 x 24000 x 15 Jacket: 690 x 24000 x 10 Tot. Weight: 178.000 kg	1998	S-E-M
99220	ADNOC – Abu Dhabi U.A.E.	Tecnimont S.p.A.	83100103	No. 2 loop reactors Dimension : (Ø x L x Thk) Shell: 610 x 51000 x 20 Jacket: 712 x 51000 x 10 Tot. Weight: 254.300 kg	1999	S-E-M
99222	ADNOC – Abu Dhabi U.A.E.	Tecnimont S.p.A.	83100103	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 406 x 44000 x 16 Jacket: 508 x 44000 x 10 Tot. Weight: 36.000 kg	1999	S-E-M
160	BANDAR ASSALUYEH PE PLANT 300 KT / Y - IRAN	Tecnimont S.p.A.	80000056	1st Loop Reactor Dimension : (Ø x L x Thk) Shell: 609.6 x 36.000 x 15 Jacket: 690 x 31.000 x 10 Tot. Weight: 100.000 kg	2000	S-E-M
162				No.1 Prepoly Reactor Shell: 168.3 x 17.000 x 7.11 Jacket: 219.1 x 14.000 x 15.1 Tot. Weight: 4.800 kg		
190	Carrington – UK.	Montell UK	FP0801/20/001	No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 168.3 x 15.000 x 7.11 Jacket: 219.1 x 12.000 x 15.1 Tot. Weight: 4.500 kg	2000	S-E-M

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00320	Brindisi - Italy	Basell	20250341	No.1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 168.3 x 24.000 x 7.11 Jacket: 219.1 x 20.000 x 15.1 Tot. Weight: 5.500 kg	2000	S-E-M
01070	P. P Maua' – Brazil	Tecnimont S.p.A. / Polibrasil	42105MK	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 609.6 x 47.000 x 14 Jacket: 690 x 43.000 x 10 / 14 Tot. Weight: 116.000 kg	2001	S-E-M
01072	P. P Maua' – Brazil	Tecnimont S.p.A. / Polibrasil	42105MK	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 168.3 x 23.000 x 7.1 Jacket: 219.1 x 21.000 x 15.10 Tot. Weight: 6.000 kg	2001	S-E-M
01120	CEDAR BAYOU PLANT - BAYTOWN, TEXAS – USA	Technip USA/ Chevron Phillips Chemical Co., LP	35000H008A-00	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 560 x 63.000 x 15 Jacket: 673 x 60.000 x 13 / 18 / 22 / 25 / 50 Tot. Weight: 400.000 kg	2001	S-E-M
01200	BANDAR IMAM - IRAN PP PLANT 300 KT/Y - MARUN - IRAN	Tecnimont S.p.A. - MPC	80001005	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 639.6 x 50.000 x 15 Jacket: 963 / 786 x 49500 x 40 / 25 / 18 / 12 Tot. Weight: 186.215 kg	2000	S-E-M
01202	BANDAR IMAM - IRAN PP PLANT 300 KT/Y - MARUN - IRAN	Tecnimont S.p.A. - MPC	80001005	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 168.3 x 26.000 x 7.11 Jacket: 273 / 219.2 x 25650 x 7.8 / 15.1 Tot. Weight: 7.500 kg	2000	S-E-M
01240	GEELONG P.P - AUSTRALIA	Basell	4500043928	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 168.3 x 15.000 x 7.11 Jacket: 219.1 x 12.000 x 15.1 Tot. Weight: 4.500 kg	2000	S-E-M

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02140	BANDAR ASSALUYEH PE PLANT 300 KT / Y - IRAN	Tecnimont S.p.A. / JAM Petrochemical Company (JPC)	80002278	1st Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 273.5 x 17.000 x 9.27 Jacket: 406 / 324 x 16.500 x 12.7 / 10.31 Tot. Weight: 8.023 kg	2003	S-E-M
02142				2nd Prepoly Reactor Shell: 508 x 21.000 x 12 Jacket: 715 / 578 x 20.500 x 20 / 10 Tot. Weight: 21.700 kg		
02170	BANDAR ASSALUYEH PE PLANT 300 KT / Y - IRAN	Tecnimont S.p.A. / JAM Petrochemical Company (JPC)	80002349	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 639.6 x 50.000 x 15 Jacket: 980 / 786 x 49.500 x 40 / 10 / 20 / 12 Tot. Weight: 374.000 kg	2003	S-E-M
02172				No.1 Prepoly Reactor Shell: 154 x 26.000 x 7.11 Jacket: 189 x 26.000 x 15.10 Tot. Weight: 7.440 kg		
03020	CSPC NANHAI PETROCHEMICALS PROJECT - HUIZHOU - CHINA	Tecnimont S.p.A. / CNOOC and SHELL Petrochemicals Company LTD	80003257	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 639.6 x 45.000 x 15 Jacket: 980 / 780 x 45.000 x 40 / 25 / 15 / 10 Tot. Weight: 338.086 kg	2003	S-E-M
03022				No.1 Prepoly Reactor Shell: 154 x 21.000 x 7.11 Jacket: 189 x 21.000 x 15.10 Tot. Weight: 6.086 kg		
03040	NPP PROJECT PP-400 KT/Y HDPE 320 KT/Y PP-HDPE PLOCK-POLAND	Tecnimont S.p.A. / Basell Orlen Polyolefins Sp. z o.o.	80003333	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 639.6 x 55.000 x 15 / Jacket: 990 / 802 x 54.500 x 45/ 30/ 24/ 18/ 12 Tot. Weight: 483.567 kg	2003	S-E-M
03042	NPP PROJECT PP-400 KT/Y HDPE 320 KT/Y PP-HDPE PLOCK-POLAND	Tecnimont S.p.A. / Basell Orlen Polyolefins Sp. z o.o.	80003333	No.1 Prepoly Reactor Shell: 154 x 31.000 x 7.11 Jacket: 189 x 31.000 x 8.18 Tot. Weight: 7.067 kg	2003	S-E-M

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03290	PP DAQING 300 KT/Y - DAQING – CHINA	Tecnimont S.p.A. / Petrochina	80004302	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 636.6 x 50.000 x 15 Jacket: 990 / 802 x 55.000 x 40 x 30 x 24 x 12 Tot. Weight: 425.000 kg	2003	S-E-M
03292				No.1 Prepoly Reactor Shell: 154 x 27.000 x 7.11 Jacket: 189 x 27.000 x 8.18 Tot. Weight: 8.200 kg		
04100	PP-LANZHOU 300 KT/Y - CHINA	Tecnimont S.p.A. / Petrochina/LZPC	80005592	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 636.6 x 50.000 x 15 Jacket: 990 / 802 x 55.000 x 40 / 30 / 24 / 12 Tot. Weight: 425.000 kg	2004	S-E-M
04102				No. 1 Prepoly Reactor Shell: 154 x 27.000 x 7.11 Jacket: 189 x 27.000 x 8.18 Tot. Weight: 8.200 kg		
04410	PP 180 KT/Y NIZHNEKAMSK NEFTEKHIM PLANT NIZHNEKAMSK - TATARSTAN REPUBLIC - RUSSIAN FEDERATION	Tecnimont S.p.A. / Nizhnekamsk Neftekhim	80006960	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 639.6 x 28.000 x 15 / 17 Jacket: 990 / 802 x 28.000 x 10 / 15 / 18 Tot. Weight: 220.700 kg.	2004	S-E-M
04412				No.1 Prepoly Reactor Shell: 154 x 12.000 x 7.11 Jacket: 189 x 12.000 x 8.18 Tot. Weight: 5.100 kg		
04570	HDPE PLANT FOR SINOPEC MAOMING REVAMPING PROJECT – Maoming - CHINA	Sinopec Maoming Petrochemical Co.	04ITGDY26SPEC3 12	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 745 x 60.960 / 62.310 x 19/22 Jacket: 822 x 60.960 / 62.310 x 13 / 22 / 25 / 50 Tot. Weight: 490.000 kg	2004	S-E-M

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05060 05062	PP/OSBL 400 KT/Y – YAMBU - KSA	Tecnimont S.p.A. / NATPET (The National Petrochemical Industrial Co)	80007920	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 650 x 55.000 x 15 / 18 Jacket: 818 / 1.024 x 55.000 x 12/ 18/ 24/ 30/ 45 Tot. Weight: 530.000 kg No.1 Prepoly Reactor Shell: 154 x 31.000 x 7.11 Jacket: 189 x 31.000 x 8.18 Tot. Weight: 7.800 kg	2005	S-E-M
05510	PP 180 KT/Y OMSK - RUSSIAN FEDERATION	Tecnimont S.p.A. / OOO Polyom	80008941	No.2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 609 x 28000 x 15/17 Jacket: 800 / 690 x 28.000 x 10 Tot. Weight: 442.000 kg No.1 Prepoly Reactor Shell: 168.3 x 12000 x 7.11 Jacket: 273 / 219.1 x 12000 x 7.80 / 15.10 Tot. Weight : 4.200 kg	2006	S-E-M
05550	HDPE/LLDPE CAPUAVA PLANT UNIT C S. ANDRE-SP. BRAZIL	Polietilenos União S.A.	CT 05/0160	No.2 Loop reactors Dimension : (Ø x L x Thk) Shell: 560 x 50850 x 17.5 Jacket: 748 / 673 / 763 x 48350 x 13/18/22/25/45 Tot. Weight: 404.000 kg	2006	S-E-M
06030	HDPE 300Kt/Y PLANT - PETROCHINA DUSHANZI, XINJIANG, PR CHINA	Technip / Petrochina	5499C224041201 0 002	No.1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 711 x 60.000 x 19.5 Jacket: 818 / 1.024 x 60.000 x 12 / 18/ 24/ 30/ 45 Tot. Weight: 213.000 kg	2006	S-E-M
06100	HDPE-NAO Q-CHEM PETROCHEMICAL COMPLEX MESAIEED INDUSTRIAL CITY, QATAR	Tecnimont S.p.A. / Q-Chem (Qatar Chemical Company Ltd.)	87500014	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 609.6 x 70.000 x 18 / 26 Jacket: 695 / 773,1 x 70.000 x 13/ 18 / 22/28/36/40 Tot. Weight: 670.0000 kg.	2006	S-E-M

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06140	PETROQUIMICAPAULINIA PP-PLANT 300 Kt/ Y - PAULINIA, BRAZIL	Tecnimont S.p.A. / Petroquimica Paulinia S.A.	MCE-00002-0506MO	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 610 x 50.000 x 15/17 Jacket: 762 / 939 x 50.000 x 12 Tot. Weight:436.000 kg. No.1 Prepoly Reactor Shell: 168 x 27.000 x 7.11 Jacket: 168 / 273 x 27.000 x 8.38 / 15.10 Tot. Weight: 8.200 kg.	2006	S-E-M
06280	PANIPAT NAPHTHA CRACKER PROJECT (PNCP) 2x300Kt/Y PP & 300Kt/Y HDPE PLANT, PANIPAT, INDIA	Tecnimont / Indian Oil Corporation Limited	82900001	No. 4 Loop Reactors Dimension : (Ø x L x Thk) Shell: 762 x 50.000 x 15 / 17 Jacket: 786 / 939 x 50.000 Weight: 863.000 kg. No. 2 Prepoly Reactors Shell: 6" x 27.000 x 7.11 Jacket: 6" / 10" x 25.500 x 15.1 Tot. Weight: 8.200 kg.	2006	S-E-M
07020	PDH & PP PROJECT 2x300Kt/Y - PORT SAID, EGYPT	UHDE / Egyptian Propylene & Polypropylene Company	34056447/WalW	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 24" x 50.000 x 15/17 Jacket: 762 / 939 x 50.000 x 15 / 30 Tot. Weight: 390 .750 kg.	2007	S-E-M
11200	ETILENO XXI PROJECT 4x188Kt/Y BRASKEM IDESA SAPIHDPE PLANT, MEXICO	Technip France / Braskem Indesa Sapihde	BI-ETILENO-005/12 REV 0	No. 4 Loop Reactors Dimension : (Ø x L x Thk) Shell: 28" x 59.998 x 17/20 Jacket: 781 x 60.000 x 20 / 25 / 45 Tot. Weight: 2275.402 kg.	2013	S-E-M
13060	GEMINI PROJECT n°F520-198-SR-0412-001 Rev.0 - 470 KT/Y HDPE PLANT - LA PORTE, TX-BATTLEGROUND, USA	Ineos Olefins & Polymers USA	BI-ETILENO-005/12 REV 0	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 28" x 65.000 x 20/25 Jacket: 781 x 65.000 x 20 / 25 / 45 Tot. Weight: 1170.000 kg.	2014	S-E-M

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14030	INEOS PEHD SLURRY HEXANE PROJECT - 200 KT/Y - ROSIGNANO (LI) ITALY	Ineos Manufacturing Italia S.p.A	4550445018	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 632 x 30.800x 16 Jacket: 702 x 30.800 x 8 Tot. Weight: 69.000 kg.	2014	S-E-M
16010	INEOS PEHD SLURRY HEXANE PROJECT - 200 KT/Y - ROSIGNANO (LI) ITALY	Ineos Manufacturing Italia S.p.A	4550487236	No. 1 Loop Reactor Dimension : (Ø x L x Thk) Shell: 632 x 30.800x 16 Jacket: 702 x 30.800 x 8 Tot. Weight: 69.000 kg.	2016	S-E-M
16020	3871-SOCAR POLYMER LLC- PP/U&O Plant , 185 KT/Y - AZERBAIJAN REPUBLIC	Tecnimont S.p.A. / SOCAR	7500052439	No. 2 Loop Reactors Dimension : (Ø x L x Thk) Shell: 610 x 50.000 x 15/17 Jacket: 762 / 939 x 50.000 x 12 Tot. Weight:436.000 kg. No.1 Prepoly Reactor Shell: 168 x 27.000 x 7.11 Jacket: 168 / 273 x 27.000 x 8.38 / 15.10 Tot. Weight: 8.200 kg.	2016	S-E-M
16040	HDPE Loop Reactors R-3001/3002 270 kT/Y HDPE Plant – UNIPETROL – Czech Republic	Technip Italy / UNIPETROL RPA	P.O. No. 2546A006	No. 2 Loop Reactors 4 Legs Dimension : (Ø x L x Thk) Shell: 28" x 59.998 x 17/20 Jacket: 781 x 60.000 x 20 / 25 / 45 Tot. Weight: 800.000 kg.	2016	S-E-M
16090	PP/PE/UT SOHAR (OM) EPC - LIWA PLASTIC INDUSTRIES COMPLEX Project - ORPIC SULTANATE OF OMAN	Tecnimont S.p.A. / ORPIC LLC	7500057298	No. 1 Loop Reactor 6 Legs Dimension : (Ø x L x Thk) Shell: 750 x 55000 x 17/18 Jacket: 1035 x 55000 x 12/18/24/28/38/42 Tot. Weight: 548.000 kg. No. 1 Prepoly Reactor Shell: 6" x 27.000 x sch 40 Jacket: 8"/10" x 27.000 x sch 80 Tot. Weight: 8.825kg.	05/08/2017	S-E-M

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16160	INEOS PEHD SLURRY HEXANE PROJECT - 200 KT/Y - ROSIGNANO (LI) ITALY	Ineos Manufacturing Italia S.p.A	4550508459	No. 1 Loop Reactor 2 Legs Dimension : (Ø x L x Thk) Shell: ID 971 x 27.400 x 20 Jacket: ID 781 x 27.400 x 8-16 Tot. Weight: 39.000 kg.	31/05/2017	S-E-M
17060	INEOS PEHD SLURRY HEXANE PROJECT - 200 KT/Y - ROSIGNANO (LI) ITALY	Ineos Manufacturing Italia S.p.A	4550516320	No. 1 Loop Reactor 4 Legs Dimension : (Ø x L x Thk) Shell: 632 x 30.800x 16 Jacket: 702 x 30.800 x 8-16 Tot. Weight: 69.000 kg.	31/08/2017	S-E-M
17240	LIAONING BORA PETROCHEMICAL - (400+20) KT/Y PP - DALIAN - CHINA	LIAONING BORA PETROCHEMICAL	BLHG-SPCG-SBCG-SBB-2017-0069	No. 1 Loop Reactor 6 Legs Dimension : (Ø x L x Thk) Shell: 850 x 55.000 x 20 Jacket: 990 x 50.800 x 16-30 Tot. Weight: 400.000 kg. No. 1 Prepoly Reactor Shell: 219 x 25.000 x 8,18 Jacket: 273 x 25.000 x 16 Tot. Weight: 10.000kg.	05/10/2018	S-E-M
18030	INEOS MANUFACTURING ITALIA - ROSIGNANO (LI) ITALY	Ineos Manufacturing Italia S.p.A	4550542043	No. 1 Loop Reactor 4 Legs Dimension : (Ø x L x Thk) Shell: ID 600 x 27.600 x 16 Jacket: ID 702 x 27.600 x 8-13-18 Tot. Weight: 71.000 kg.	30/06/2018	S-E-M
18160	BAYPORT POLYMERS - BOREALIS PECAN	BAYPORT POLYMERS	PE1-ME-PR-501	No. 1 Loop Reactor 6 Legs Dimension : (Ø x L x Thk) Shell: ID 570 x 48.700 x 20 Jacket: ID 692/788 x 46.300 x 12-36 Tot. Weight: 380.000 kg. No. 1 Loop Reactor 4 Legs Dimension : (Ø x L x Thk) Shell: ID 570 x 60.000 x 20 Jacket: ID 692/788 x 59.000 x 12-36 Tot. Weight: 255.000 kg. No. 1 Prepoly Reactor Shell: OD 406,4 x 44.000 x 16 Jacket: ID 488 x 42.600 x 10-16 Tot. Weight: 36.000kg.	20/09/2019	S-E-M

LIST OF MAJOR EXPERIENCE FOR ONGOING & COMPLETED PROJECTS

MANUFACTURER NAME	<i>GRANDE MECCANICA S.p.A</i>	LOOP /PREPOLY REACTOR
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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 *
18220	HPCL - MITTAL ENERGY (HMEL) - HDPE UNIT (EPCC-1) FOR GURU GOBIND SINGH POLYMER ADDITION PROJECT	TECNIMONT	7500073447	No. 2 Loop Reactor 8 Legs Dimension : (Ø x L x Thk) Shell: ID 560 x 62.500 x 20 Jacket: ID 685/790 x 61.200 x 15-45 Tot. Weight: 940.000 kg.	21/10/2019	S-E-M
19030	EXXON MOBILE - BATON ROUGE POLYOLEFINS PLANT	JACOBS - EXXON MOBILE	07OW8360-BQ159019	No. 2 Loop Reactor 4 Legs Dimension : (Ø x L x Thk) Shell: confidential Jacket: confidential Tot. Weight: confidential No. 1 Prepoly Reactor Shell: confidential Jacket: confidential Tot. Weight: confidential	22/03/2020	S-E-M
19060	NATPET - Saudi Arabia	TECNIMONT - NATPET	7500077034	No. 1 Prepoly Reactor Dimension : (Ø x L x Thk) Shell: 6" x 31.000 x sch 40 Jacket: 8"/10" x 30.000 x sch 80 Tot. Weight: 8,000 kg.	10/06/2019	
19120	SGCCUP - Uzbekistan	SGCCUP - ENTER ENGINEERING & HEC	969-19/420-GMC	No. 2 Loop Reactor 6 Legs Dimension : (Ø x L x Thk) Shell: ID 560 x 48.700 x 18 Jacket: ID 674/790 x 48.000 x 13-45 Tot. Weight: 540.000 kg.	20/08/2019	S-E-M
19130	HPCL - MITTAL ENERGY (HMEL) - PP UNIT (EPCC-2) FOR GURU GOBIND SINGH POLYMER ADDITION PROJECT	TECNIMONT	7500082333	No. 2 Loop Reactor 4 Legs Dimension : (Ø x L x Thk) Shell: ID 700 x 56.000 x 17 Jacket: ID 685/790 x 61.200 x 12-42 Tot. Weight: 480.000 kg. No. 1 Prepoly Reactor Shell: 6" x 25.000 x sch 40 Jacket: 8"/10" x 24.500 x sch 80 Tot. Weight: 10.500kg.	10/04/2020	S-E-M