

The UPM Market Informer

Monthly Market Intelligence for Customers of United Performance Metals

April 2015

Automotive Demand Drives Metal Stamping Growth

The global metal stamping market is growing at a steady pace. The *Stamping Journal* reported in its latest edition that increasing demand from the automotive industry is driving growth. Siting an industry research report *Global Metal Stamping Market 2015-2019*, metal stamping is expected to show a compound annual growth rate of 3.02 percent over the next five years. Key market drivers include increased demand for metal components, low-cost methods of metal forming, and an increase in outsourcing of stamping. *Source: Stamping Journal*



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Positive Outlook for Metal Construction

According to the *2015 Dodge Construction Outlook*, U. S. construction starts are predicted to rise by 9 percent in 2015. With construction starts anticipated to top \$600 billion, the Metal Building Manufacturer Association estimates more than \$2 billion will be allocated to metal buildings. A rebounding economy and loosening construction lending coupled with crippling supply, manufacturing growth, and an increase in consumer spending have contributed to the metal buildings demand. *Source: The Fabricator*

Semiconductor Industry Posts Record Sales

The Semi Conductor Industry Association (SIA) announced that worldwide sales of semiconductors reached \$28.5 billion for the month of January 2015, the industry's highest-ever January total and an increase of 8.7% over January 2014. *Source: EPS Purchasing Strategies*



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Upcoming Tradeshows

- 4/20 AERODEF Manufacturing Conference and Exposition, Hilton Anatole, Dallas, TX
- 4/21 PMA Cleveland District Suppliers Night, Embassy Suites Independence, OH
- 4/21 MEDTEC Europe, Messe Stuttgart, Stuttgart, Germany
- 4/22 Design 2 Part, Greater Philadelphia Expo Center, Oaks, PA



Vulcanium Earns ISO 13485 Registration



Vulcanium Metals International has been granted ISO 13485:2003 registration for the distribution and processing of metal for the medical industry. Vulcanium specializes in providing titanium sheet, plate and bar as well as CCM (Cobalt Chrome Molybdenum) and medical grade stainless round bar to medical device and implant OEM's and their subcontractors.

“Achieving ISO 13485 certification demonstrates our commitment to both operational efficiency and customer satisfaction within the medical device industry. We’re very proud of this achievement,” remarked Dennis Rahill, Vulcanium Medical Products Manager.

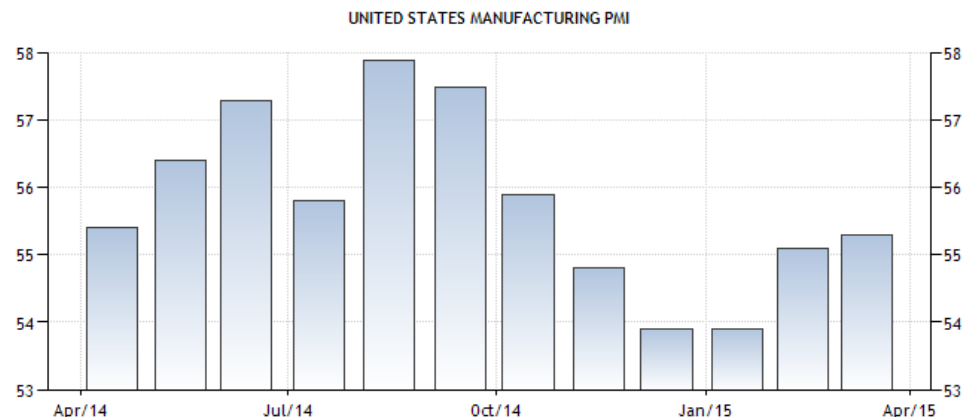
Vulcanium supplies a full range of titanium including Ti-6AL-4V, Ti-6AL-4V ELI, and Commercially Pure grades of sheet, plate, bar and forged black as well as 455

and 465 stainless steel and CCM. For more information, please contact the company at titanium@vulcanium.com, call **888.326.7556** or www.vulcanium.com.

US Manufacturing PMI

Manufacturing PMI in the United States increased to 55.30 in March of 2015 from 55.10 in February of 2015. Manufacturing PMI in the United States averaged 54.24 from 2012 until 2015, reaching an all time high of 57.90 in August of 2014 and a record low of 51 in November of 2012.

Source: *Trading Economics*



SOURCE: WWW.TRADINGECONOMICS.COM | MARKET ECONOMICS



Stainless Steel & Cobalt Alloy Surcharge Totals
 January 2015—March 2015
 High Temp Surcharge Totals
 January 2015—June 2015

Grades	Jan	Feb	Mar	Apr	May	June
15-5	0.5320	0.5028	0.4495	0.4311	*	*
15-7	0.7738	0.7309	0.6700	0.6235	*	*
17-4	0.5164	0.4898	0.4346	0.4198	*	*
17-7	0.6989	0.6477	0.5955	0.5613	*	*
18SR	0.0833	0.2445	0.2013	0.1935	*	*
201	0.5233	0.4928	0.4462	0.4228	*	*
301 7.0%	0.7377	0.6462	0.5945	0.5608	*	*
302/304/304L	0.7607	0.7038	0.6506	0.6134	*	*
304-8.5%	0.7923	0.7319	0.6782	0.6391	*	*
305	1.0185	0.9334	0.8757	0.8234	*	*
309	1.0481	0.9630	0.9052	0.8529	*	*
310	1.5089	1.3741	1.3085	1.2297	*	*
316/316L	1.0127	0.9449	0.8701	0.8202	*	*
317L	1.1641	1.0909	1.0051	0.9491	*	*
321	0.8152	0.7514	0.6972	0.6563	*	*
347	1.0828	1.0190	0.9649	0.9241	*	*
409/409 Mod	0.1918	0.1916	0.1476	0.1408	*	*
410/410S	0.1984	0.1982	0.1540	0.1472	*	*
430	0.2365	0.2363	0.1921	0.1851	*	*
434	0.2898	0.2908	0.2394	0.2304	*	*
439	0.2445	0.2443	0.2003	0.1934	*	*
440A	0.2365	0.2363	0.1921	0.1851	*	*
2205	0.8358	0.8033	0.7245	0.6900	*	*
2507	0.8978	0.8599	0.7799	*	*	*
20	2.9699	2.4911	2.4627	2.4885	2.2740	2.1786
263	6.4026	5.4841	5.3508	5.3868	5.0693	4.8541
276	7.0490	5.9081	5.8131	5.8284	5.4954	5.2299
A286	2.0213	1.6852	1.6621	1.6857	1.5362	1.4611
330	2.6309	2.1918	2.1727	2.2115	1.9944	1.9228
400	4.9206	4.1084	4.0801	4.1106	3.6245	3.5251
600	5.2848	4.3779	4.3518	4.4342	3.9830	3.8800
601	4.4904	3.7453	3.7231	3.7898	3.4191	3.3261
625	6.9453	5.9882	5.9282	5.9674	5.6161	5.4314
718	6.3880	5.6714	5.6361	5.6828	5.3735	5.2544
X-750	5.7590	4.8771	4.8517	4.9317	4.4929	4.3917
800H/HT	2.3826	1.9994	1.9814	2.0148	1.8255	1.7564
825	3.3765	2.8085	2.7751	2.8056	2.5663	2.4564
HX	4.6281	3.8182	3.7574	3.7827	3.5066	3.3298
188	7.6000	7.3200	6.8200	*	*	*
L-605	8.2700	8.0600	7.5400	*	*	*

*Surcharge currently not available

Rig Count Overview & Summary Count Source: Baker Hughes

Area	Last Count	Count	Change From 2014
U.S.	March 20, 2015	1209	-983
Canada	March 20, 2015	140	-249
Gulf of Mexico	March 20, 2015	35	-18

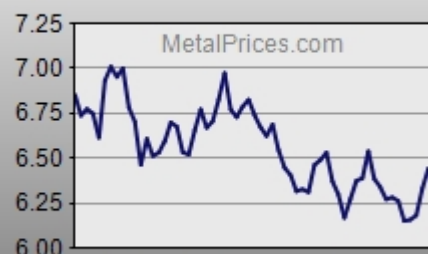
LME Aluminum Settlement 6 Months - \$/LB



25 Sep, 2014 - 24 Mar, 2015



LME Nickel Settlement 90 Days - \$/LB



29 Dec, 2014 - 24 Mar, 2015

Titanium Surcharge Update Source: ATI Specialty Metals

Titanium Alloy	Standard Surcharge Q1, 2015		
	Bar	Billet	Flat
ATI 6-2-4-2 Alloy	\$6.36	\$5.79	\$6.36
ATI 6-4 Alloy	\$5.18	\$4.72	\$5.18
ATI 6-4 ELI Alloy	\$5.18	\$4.72	\$5.18
ATI CP Grade 1	\$4.96	\$4.52	\$4.96
ATI CP Grade 2	\$3.70	\$3.37	\$3.70
ATI CP Grade 4	\$3.70	\$3.37	\$3.70

Molybdenum Oxide FOB North America 6 Months - \$/LB



12 Sep, 2014 - 06 Mar, 2015

Mill Lead Times

Stainless cold rolled - 6 weeks
 Stainless plate - 8 weeks
 Nickel cold rolled - 15 weeks
 Nickel plate - 10 weeks



Titanium Ingot 6Al 4V 1 Year - \$/LB



01 Apr, 2014 - 01 Mar, 2015