

## 2022 AIST DRI and HBI Roundup

AIST Roundup data is based on information submitted in the third quarter of 2021.

Company and location	Start-up year	Module	Rated capacity MTPA	Technology	Product type	Typical product metallization, %	Typical product carbon, %	Product use
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### Argentina

<b>ArcelorMittal Acindar SA</b> Villa Constitucion, Santa Fe	1978	1	0.60	Midrex	CDRI	95.0	2.3	Captive
<b>Tenaris Siderca</b> Siderca Seamless Tubes Mill Campana, Buenos Aires	1976	1	0.61	Midrex	CDRI	95.5	2.4	Captive

### Brazil

<b>Gerdau</b> Usiba* Salvador, Bahia	1991	1*	0.30	HYL III	CDRI	93.0	2.8	Captive
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### Canada

<b>ArcelorMittal Long Products Canada</b> Contrecoeur, Que.	1973	I	0.40	Midrex	CDRI	94.7	2.2	Captive
	1977	II	0.60	Midrex	CDRI	94.8	2.2	Captive

### Germany

<b>ArcelorMittal</b> Hamburg	1971	—	0.4	Midrex	CDRI	95.0	2.2	Captive
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### Mexico

<b>ArcelorMittal Mexico</b> Lázaro Cárdenas, Mich.	1997	I	1.20	Midrex	CDRI	95.0	2.5	Captive
	1988	II A	0.50	HYL III	CDRI	94.0	2.6	Captive
	1988	II B	0.50	HYL III	CDRI	94.0	2.6	Captive
	1991	III A	0.50	HYL III	CDRI	94.0	2.6	Captive
	1991	III B	0.50	HYL III	CDRI	94.0	2.6	Captive
<b>Ternium Mexico S.A. de C.V.</b> Puebla, Pue.	1995	2P5	0.93	HYL III	CDRI	94.2	3.0	Captive
Monterrey, N.L.	1983	3M5	0.78	HYL-ZR	CDRI	94.5	3.8	Captive
	1998	4M	0.95	HYL-ZR	HDRI	94.8	3.8	Captive

### Russia

<b>JSC Lebedinsky GOK</b> Gubkin, Belgorod Oblast	1999	I	0.9	HYL	HBI	93.5	1.1	Merchant
	2007	2	1.4	Midrex	HBI	94.0	1.4	Merchant
	2017	3	1.8	Midrex	HBI	94.0	1.4	Merchant
<b>JSC OEMK</b> Stary Oskol, Belgorod Oblast	1983	I	0.4	Midrex	CDRI	94.2	2.2	Captive
	1985	II	0.4	Midrex	CDRI	94.2	2.2	Captive
	1985	III	0.4	Midrex	CDRI	94.2	2.2	Captive
	1987	IV	0.4	Midrex	CDRI	94.2	2.2	Captive

\*idle

CDRI = cold direct reduced iron; HBI = hot briquetted iron; HDRI = hot direct reduced iron

Interested in becoming a member of the AIST DRI Technology Committee? Contact Anna Voss at [avoss@aist.org](mailto:avoss@aist.org).