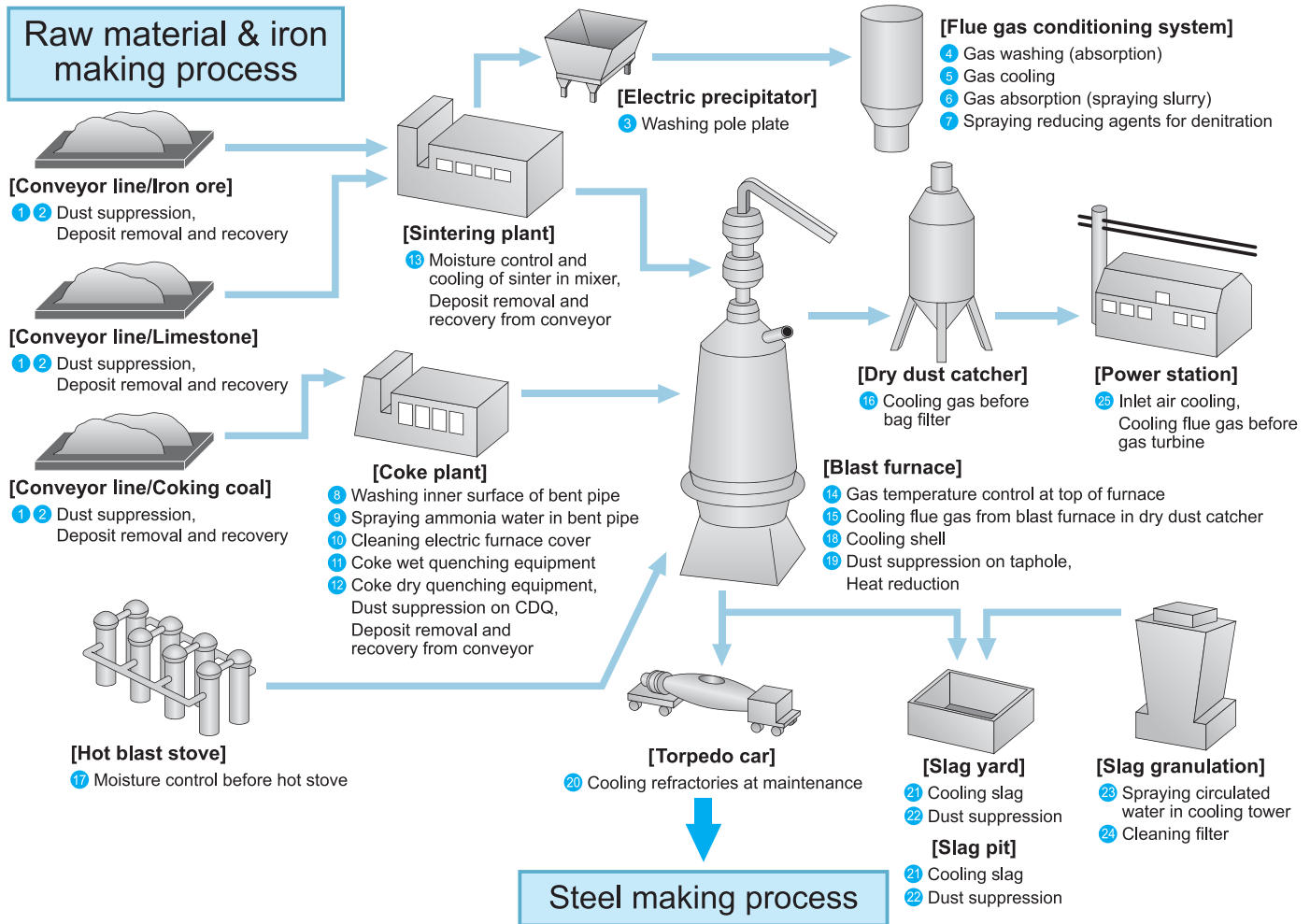


Nozzle applications for each process



Process	No.	Application	Nozzle series	Nozzle description	Page
Raw material	1	Raw material yard Dust suppression	VVP AJP	• Standard flat spray • Clog-resistant, full cone spray	p.39 p.56
	2	Raw material conveyor line Dust suppression	BIM YYA BAVV CLJ	• Fine fog spray • Wide-angle flat spray • Blower-air driven fine fog spray • Semi-Dry Fog® cooling fan unit	p.24 p.36 p.37 p.76
		Deposit removal and recovery	TAIFUJete	• Air nozzles (long flat type)	p.67
	3	Electric precipitator Washing pole plate	EJVV AJP	• Air mixing type flat spray • Clog-resistant, full cone spray	p.46 p.56
	4	Flue gas conditioning system Gas washing (absorption)	AJP TJXX	• Clog-resistant, full cone spray • Flange type, full cone spray	p.56 p.62
	5	Gas cooling	SPB	• Variable capacity hollow cone spray	p.64
	6	Gas absorption (spraying slurry)	TWAA TAA TJXX	• Wear-resistant, bidirectional hollow cone spray • Wear-resistant, large flow hollow cone spray • Flange type, full cone spray	p.58 p.58 p.62
	7	Spraying reducing agents for denitration	BIM	• Fine fog spray	p.24
	8	Coke plant Washing inner surface of bent pipe	VV+YY	• Dual flat spray	p.49
	9	Spraying ammonia water in bent pipe	AJP	• Clog-resistant, full cone spray	p.56
	10	Cleaning electric furnace cover	CMP-Sa	• Solid steam jet with wear-resistant sapphire tip	p.66
	11	Coke wet quenching equipment	JJXP	• Standard full cone spray	p.54
	12	• Coke dry quenching equipment • Dust suppression on CDQ Deposit removal and recovery from conveyor	GSIMII TAIFUJete	• Large capacity fine fog spray • Air nozzles (long flat type)	p.29 p.67
13	Sintering plant Moisture control and cooling of sinter in mixer Deposit removal and recovery from conveyor	AJP CLJ TAIFUJete	• Clog-resistant, full cone spray • Semi-Dry Fog® cooling fan unit • Air nozzles (long flat type)	p.56 p.76 p.67	

Process	No.	Application	Nozzle series	Nozzle description	Page
Iron making	14	Blast furnace Gas temperature control at top of furnace	VVP JJXP BBXP	• Standard flat spray • Standard full cone spray • Wide-angle full cone spray	p.39 p.54 p.59
	15	Cooling flue gas from blast furnace in dry dust collector	7JJXP 4SPB	• 7-head full cone spray • Multiple-head SPB series	p.63 p.64
	16	Dry dust catcher Cooling gas before bag filter	SPB	• Variable capacity hollow cone spray	p.64
	17	Hot blast stove Moisture control before hot stove	SPB	• Variable capacity hollow cone spray	p.64
	18	Blast furnace Cooling shell	AJP	• Clog-resistant, full cone spray	p.56
	19	• Dust suppression on taphole • Heat reduction	GSIMII CLJ	• Large capacity fine fog spray • Semi-Dry Fog® cooling fan unit	p.29 p.76
	20	Torpedo car Cooling refractories at maintenance	BIM Header GSIMII	• BIM integrated spray header • Large capacity fine fog spray	p.27 p.29
	21	Slag yard, Slag pit Cooling slag	KKK	• Variable spray angle & flow, hollow cone spray	p.65
	22	Dust suppression	3OV	• 3-head, off-center flat spray	p.65
	23	Slag granulation Spraying circulated water in cooling tower	TAA TJXX	• Wear-resistant, large flow hollow cone spray • Flange type, full cone spray	p.58 p.62
	24	Cleaning filter	VVP VEP	• Standard flat spray • Even flat spray	p.39 *
	25	Power station • Inlet air cooling • Cooling flue gas before gas turbine	GSIMII KB	• Large capacity fine fog spray • Small capacity fine fog hollow cone spray	p.29 *

Remarks: For details of the products marked with *, please contact us.