

SHOTLIST OF SHANGHAI EXTERIORS & INTERIORS

TITLE OF PRODUCTION	TOOL STEEL SOLUTIONS IN SHANGHAI ASSAB Tooling Technology (Shanghai) Co., Ltd.
CONTACT	mediarelations@voestalpine.com
DATE OF PRODUCTION	August 2018
AVAILABLE FORMATS	<ul style="list-style-type: none"> » TV Europa (50i): mov, 1920x1080, Full HD » TV USA (59i): mov, 1920x1080, Full HD » Web (H.264): mp4, 1920x1080, Full HD
KEYWORDS	<ul style="list-style-type: none"> » Laser Cladding » Biggest Vacuum Furnace worldwide » PVD coating » CNC Machine

SCENE	TIME FROM	TIME TO	CAMERA PERSPECTIVE	SCENE DESCRIPTION
1	0:00	0:52	Drone	Exteriors
2	0:52	1:01	Chart	Interiors
3	1:01	1:05	Close up	Employee working on laser cladding machine control panel
4	1:05	1:19	Medium Close up	

SCENE	TIME FROM	TIME TO	CAMERA PERSPECTIVE	SCENE DESCRIPTION
5	1:19	1:40	Close up	Pouring metal powder
6	1:40	1:51	Close up	Employee cleaning laser cladding nozzle
7	1:51	2:01	Long shot/ Medium Close up	Laser cladding machine door closing and employee working on the control panel
8	2:01	2:48	Medium Close up	Laser cladding in operation
9	2:48	3:18	Medium Close up	Microscopic view of laser cladding, static and dynamic
10	3:18	4:33	Medium Close up	Laser cladding in operation
11	4:33	5:05	Long shots	Biggest Vacuum Furnace worldwide
12	5:05	5:30	Long shot	Employee pushing tool pieces in heat treatment workshop
13	5:30	5:41	Long shot	Employees walking in front of the world's biggest vacuum furnace
14	5:41	6:17	Medium Long shot	World's biggest vacuum furnace opens
15	6:17	6:51	Medium long shot	Putting tool pieces into furnace
16	6:51	7:00	Medium long shot	World's biggest vacuum furnace closes

SCENE	TIME FROM	TIME TO	CAMERA PERSPECTIVE	SCENE DESCRIPTION
17	7:00	7:12	Close up	World's biggest vacuum furnace locking
18	7:12	7:55	Long shots	Employees working in heat treatment workshop
19	7:55	8:28	Long shots	Employees working in CNC machining workshop
20	8:28	8:40	Long shots	Employees working in CNC machining workshop
21	8:40	8:49	Medium Long shot	Employees working in CNC machining workshop
22	8:49	8:56	Medium Close up	Employee working on CNC machining control panel
23	8:56	9:29	Medium Close up	CNC machine in operations
24	9:29	9:49	Medium long shot	Employees preparing work pieces for cleaning
25	9:49	11:11	Medium Close up	Cleaning of work pieces
26	11:11	11:24	Close up	Employee putting on gloves
27	11:24	12:10	Medium Close up/Close up	Employees preparing work pieces for PVD coating
28	12:10	12:36	Medium long shot	Employee working on PVD coating equipment control panel and opening the door

SCENE	TIME FROM	TIME TO	CAMERA PERSPECTIVE	SCENE DESCRIPTION
29	12:36	12:53	Close up	Work pieces to be PVD coated
30	12:53	13:32	Medium Long shot/Medium Close up	Employee moving work pieces out from PVD coating machine
31	13:32	13:55	Close up	PVD coating in operations
32	13:55	14:06	Close up	Polished work pieces
33	14:06	14:19	Close up/Detail	Employee polishing
34	14:19	14:40	Medium Close up	Employee putting sample for chemical composition analysis
35	14:40	15:18	Close up/Detail	Employees working on chromatography