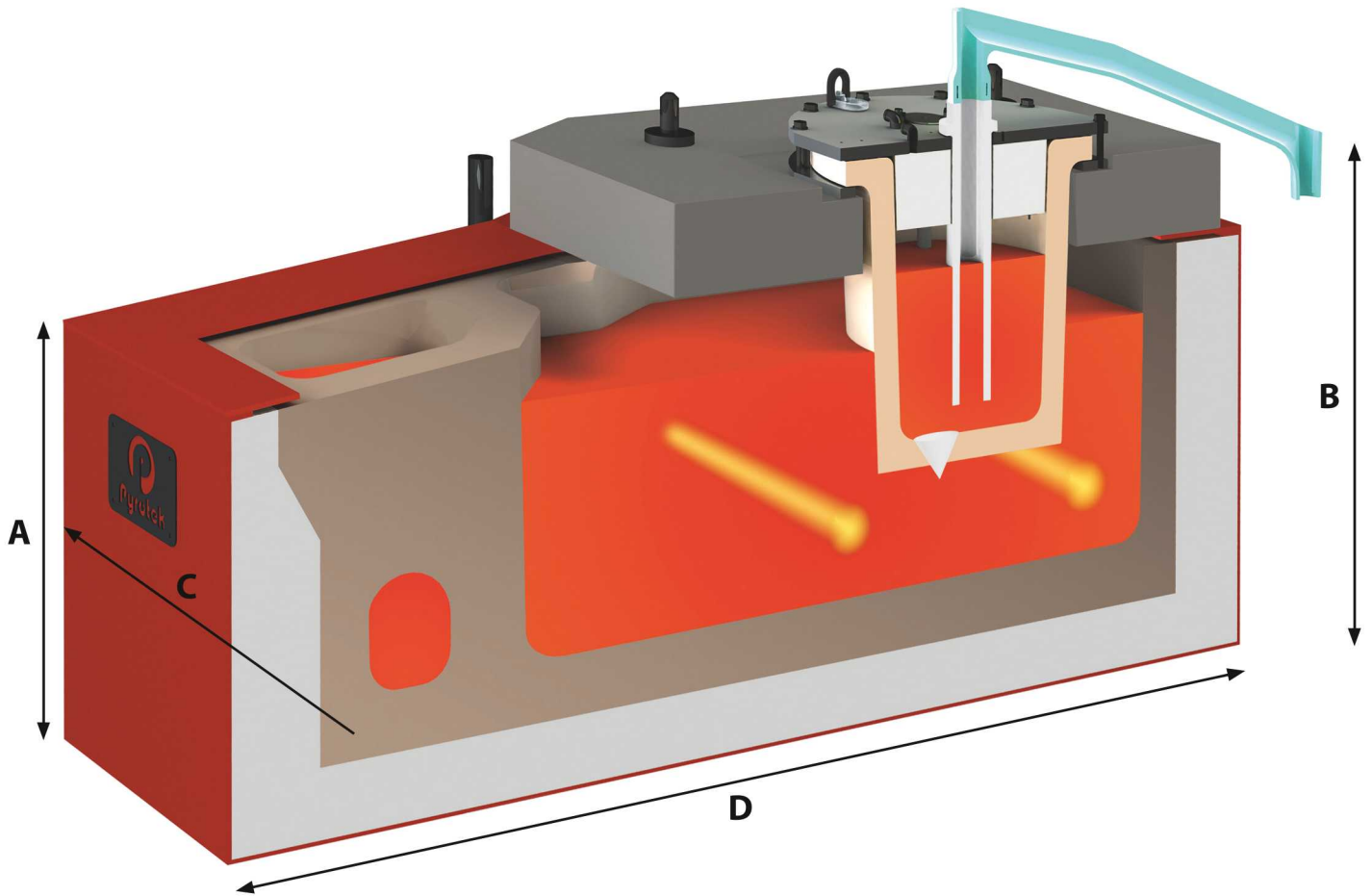


# Pyrotek MCS-V

## Metal Casting System - Vacuum



Pyrotek Dosing Furnace	Units	MCS V HP 1400	MCS V HP 2400	MCS V HP 4000	MCS-V LP 1300
<b>Metal holding capacity</b>	kg	1400	2400	4000	1300
<b>Usable capacity</b>	kg	670	1500	2500	750
<b>Power connection</b>	kW	24	36	45	24
<b>Power consumption</b>	kWh	7,5	10	15	7,5
<b>Height</b>	mm (B)	1400	1450	1470	1310
<b>Length</b>	mm (D)	2550	2920	2900	2640
<b>Width</b>	mm (C)	1730	1930	2250	1850
<b>Filling height, without lifting platform</b>	mm (A)	970	1140	1150	900
<b>Height lifting platform</b>	mm	600	800	1100	
<b>Furnace weight without Aluminium</b>	kg	4900	9000	11500	4600
<b>Dosing weight</b>	kg	1 - 40	10 - 60	10 - 60	1 - 40
<b>Dosing accuracy</b>	%	< +/- 1,5%	< +/- 1,5%	< +/- 1,5%	

# Pyrotek MCS-V

## Metal Casting System - Vacuum

### Highlights for low-pressure casting (LPDC) and high-pressure die casting (HPDC)

- Energy savings up to 50% (LPDC)
- Reduction of compressed air requirements by up to 95% (LPDC)
- Significant CO2 savings
- Productivity increase
- Reduction of metal loss by increasing metal quality
- Reduce scrap rate
- Reduced cleaning and maintenance requirements
- System independent of furnace level
- Furnace filling & cleaning at any time, without process interruption
- Dosing accuracy < +/- 1.5% (HPDC)

### Highlights für Niederdruckguss (LPDC) und Druckguss (HPDC)

- Energieeinsparung bis zu 50% (LPDC)
- Reduktion des Druckluftbedarfs um bis zu 95% (LPDC)
- Signifikante CO2 Einsparung
- Produktivitätserhöhung
- Reduzierung des Metallverlust durch Erhöhung der Metallqualität
- Reduzieren der Ausschuss Rate
- Geringerer Reinigungs- bzw. Wartung Aufwand
- System unabhängig vom Ofenfüllstand
- Füllen & Reinigung des Ofens jederzeit, ohne Prozessunterbrechung
- Dosiergenauigkeit < +/- 1,5% (HPDC)