

.Loaders

Hopper loaders venturi series HLV

Voltage: 230V/1/50-60Hz

Stainless steel construction

Paper cartridge filter for air exhaust

Capacitive level sensor

Electronic control for:

-Material shortage alarm

-Programable times

Complete of Venturi stainless steel suction probe with compressed air D.30mm

3 m antistatic flexible hose \varnothing 30 mm

Available models HLV1 and HLV1+PX1 with glass-Pyrex hopper

25-50 kg/h recommended capacity considering:

0.7 kg/dm³ bulk density

Max 4 m suction head

Max 4 m horizontal conveying distance

HLV

HLV+PX1



Single-phase loaders HLS series

Voltage: 230V/1/ 50-60Hz

Stainless steel construction

Bag cloth filter with compressed air cleaning

Magnetic level sensor

Motor start by Soft-Start device

Alarm lamp

Aluminium suction probe d.40 mm

3 m antistatic hose \varnothing 40 mm

Available in two electronic control versions:

-CC, complete control

-CS, simplified control

Available models:

HLS2 (2 litres),

HLS10 (10 litres),

HLS15 (15 litres)

Recommended max hourly capacity considering

0,7 kg/dm³ bulk density, max 4 m suction head, max 4 m horizontal distance

50 kg/h (HLS2), **90 kg/h** (HLS10), **160 kg/h** (HLS15)

CS Control:

No display neither keypad

Fixed loading times

No control for proportional valve

Material shortage alarm

CC Control:

Display and keypad

Programmable times

Times displaying

Control of filter cleaning options

Brushes alarm

Material shortage alarm

Control for proportional valve

HLS10CC



HLS10CS



HLS2 CS



HLS2CC



PV40



.Loaders

Three-phase loaders TV+R series

They consist of a vacuum unit TV series with control and one material receiver R series.

Recommended hour capacities for a series of matches, considering 0.7 kg/dm³ bulk density with 5 m suction head and 5 m distance, are:

VACUUM UNITS TV SERIES

Features:

Voltage: 400V±10%/3+N+T/50Hz

Side-channel vacuum blowers

Painted steel basement with control on rubber dampers

Electrical box with CC control, alarm lamp

CODE	DESCRIPTION
TV00100010	Three-Phase Vacuum Unit TV1 , 0.85 kW, D.40
TV00100020	Three-Phase Vacuum Unit TV1+ZF , 0.85 kW, D.40
TV00100030	Three-Phase Vacuum Unit TV1+F1 , 0.85 kW, D.40
TV00200010	Three-Phase Vacuum Unit TV2 , 1.5 kW, D.40
TV00200020	Three-Phase Vacuum Unit TV2+ZF , 1.5 kW, D.40
TV00200030	Three-Phase Vacuum Unit TV2+F1 , 1.5 kW, D.40
TV00220010	Three-Phase Vacuum Unit TV2/2 , 1.5 kW, D.40
TV00220020	Three-Phase Vacuum Unit TV2/2+ZF , 2.2 kW, D.40
TV00220030	Three-Phase Vacuum Unit TV2/2+F1 , 2.2 kW, D.40
TV00300010	Three-Phase Vacuum Unit TV3 , 3 kW, D.50
TV00300020	Three-Phase Vacuum Unit TV3+ZF , 3 kW, D.50
TV00300030	Three-Phase Vacuum Unit TV3+F1 , 3 kW, D.50
TV00400010	Three-Phase Vacuum Unit TV4+F2 , 4 kW, D.50
TV00500010	Three-Phase Vacuum Unit TV5+F2 , 5.5 kW, D.50
TV00500020	Three-Phase Vacuum Unit TV5+F3 , 5.5 kW, D.50
TV00700010	Three-Phase Vacuum Unit TV7+F2 , 7.5 kW, D.60
TV00700020	Three-Phase Vacuum Unit TV7+F3 , 7.5 kW, D.60
TV01100010	Three-Phase Vacuum Unit TV11+F2 , 11 kW, D.60
TV01100030	Three-Phase Vacuum Unit TV11+F3 , 11 kW, D.6

MATERIAL RECEIVERS R SERIES

To combine with a TV series vacuum unit

Features:

Stainless steel construction, 2, 10, 15, 50, 100, 200 litres

Polyester bag filter with filter cleaning (only on R2-10-15)

Metal mesh filter (on R50-100-200 and whenever a ZF or F filter is installed)

Magnetic level sensor and discharge with gasket

Alarm lamp

Electrical cable to connect to the vacuum unit control 3 m

To be added:

Aluminium suction probe, ø40, 50 o 60 mm

3 + 3 m antistatic hose, ø40, 50 o 60 mm

CODE	DESCRIPTION
R000200100	Receiver R2 , D.40 (2 litres)
R001000100	Receiver R10 , D.40 (10 litres)
R001500100	Receiver R15 , D.40/50 (15 litres)
R005000100	Receiver R50 , D.40/50 (50 litres)
R010000100	Receiver R100 , D.50/60 (100 litres)
R020000100	Receiver R200 , D.50/60 (200 litres)

TV1



TV2+F1



TV2+ZF



TV5+F2



CODE	DESCRIPTION	
TV1+R2 --> 150 kg/h	TV1+R10 --> 230 kg/h	
TV2+R2 --> 180 kg/h	TV2+R10 --> 330 kg/h	
TV2/2+R10 -->350 kg/h	TV2/2+R15 --> 390 kg/h	
TV3+R10 --> 450 kg/h	TV3+R15 --> 500 kg/h	TV3-F1+R50 --> 700 kg/h
TV4-F2+R50 --> 1200 kg/h	TV4-F2+R100 --> 1600 kg/h	
TV5-F2+R50 --> 1500 kg/h	TV5-F2+R100 --> 1850 kg/h	
TV7-F3+R50 --> 1900 kg/h	TV7-F3+R100 --> 2450 kg/h	TV3-F1+R50 --> 700 kg/h
TV11-F3+R50 --> 2300 kg/h	TV7-F3+R100 --> 2450 kg/h	TV11-F3+R200 -->3600 kg/h

XXXXX



R10_L



OPTIONS	
OA00000010	Acoustic alarm
OC00000010	Mesh filter versions x bins R2 - 10 - 15
PV40000020	Proportional Valve PV40, D.40 (NO hose, NO suction probe)
PV50000020	Proportional Valve PV50, D.50 (NO hose, NO suction probe)
PV60000020	Proportional Valve PV60, D.60 (NO hose, NO suction probe)
OA00000180	Kit 6m hose + AL suction probe single pipe D.40
OA00000190	Kit 6m hose + AL suction probe single pipe D.50
OA00000200	Kit 6m hose + AL suction probe single pipe D.60
OA00000020	Universal support for HLS/R 2-50 on lidless hoppers