



# **VK9000** HEAVY DUTY

HIGH-SPEED DEBARKERS FOR LARGE SCALE PRODUCTION MILLS



VALON KONE – DEBARKER SPECIALIST

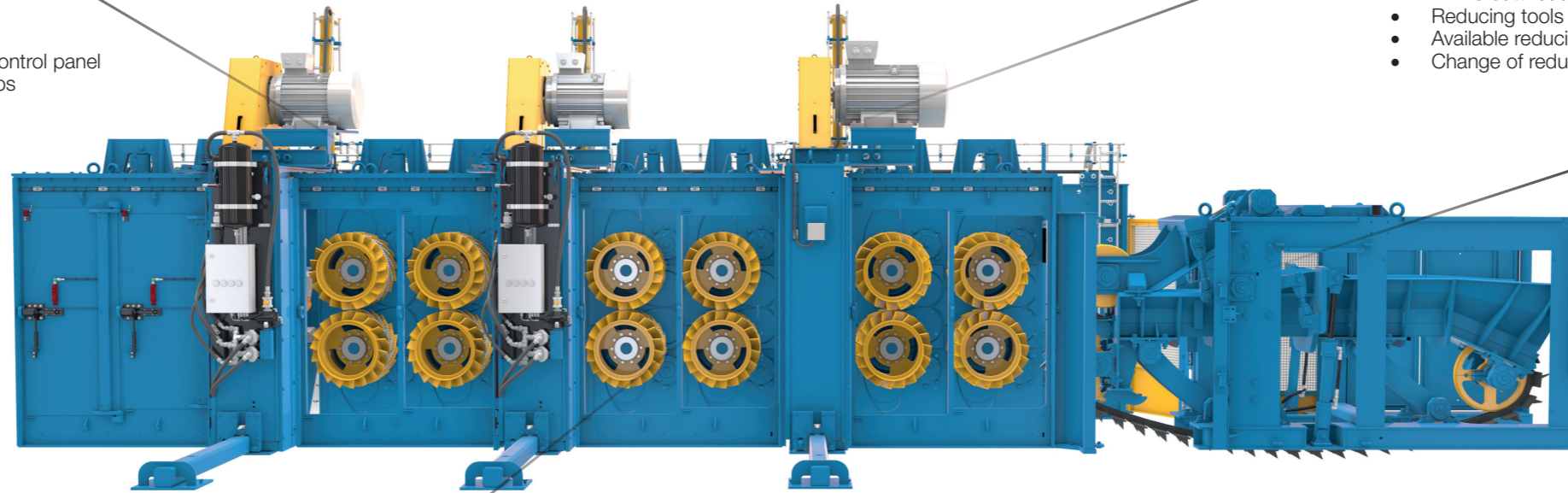


# STRONGER. FASTER. SIMPLER. SAFER.

## VK9000HD DEBARKER WITH 1 OR 2 DEBARKING ROTORS & BUTT REDUCING

### DEBARKING ROTOR

- Available in sizes 56 cm (22"), 68 cm (27"), and 81 cm (32")
- Pneumatic tool pressure with Air Seal
- Four tool pressure levels to be chosen from control panel
- Automatic tool opening when log feeding stops
- Counter-rotating when double-rotor debarker
- Carbide tool tips
- Rotor pull-out to service position



### BUTT REDUCING ROTOR

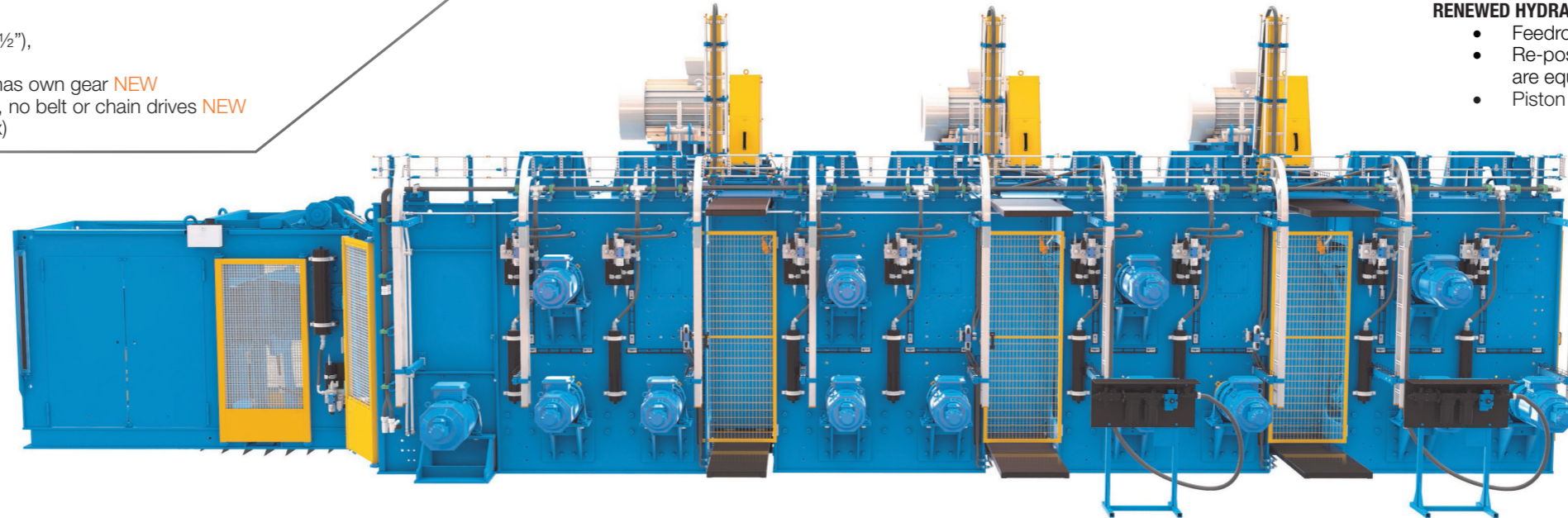
- In-line butt reducing together with debarking
- Reducing tools with fixed setting
- Available reducing ring sizes from 20 cm (8") up to 60 cm (24")
- Change of reducing ring with hydraulic changeover device

### CENTERING INFED CONVEYOR

- Centers log both vertically and horizontally before log enters debarker
- Log diameter measurement

### RENEWED FEEDROLLS AND POWER TRANSMISSION

- Feedroll diameter 72 cm (28 1/2") **NEW**
- Feedroll width 67 cm (26 1/2") to 80 cm (31 1/2"), depending on rotor size **NEW**
- Planetary drive gears, each driven feedroll has own gear **NEW**
- Each driven feedroll has own electric motor, no belt or chain drives **NEW**
- Feedrolls with replaceable inserts (FibreMax)



### RENEWED HYDRAULIC PRESSURE SYSTEM

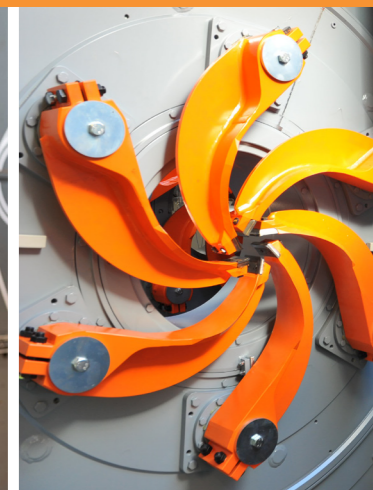
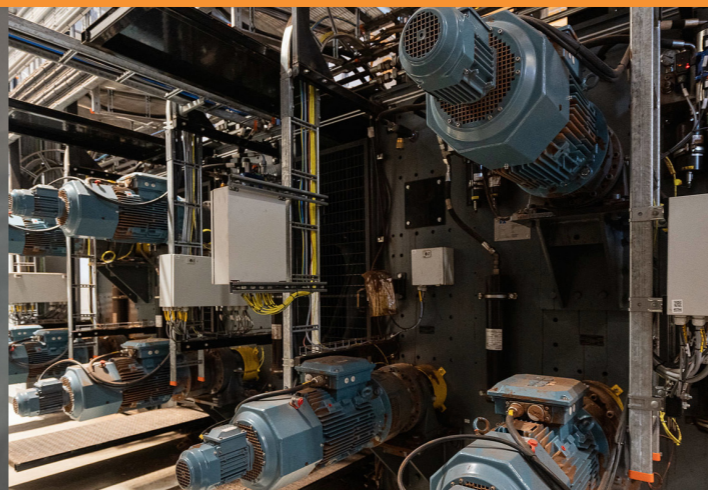
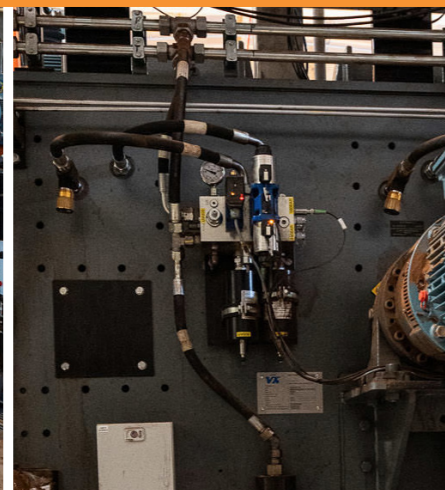
- Feedrolls stay open when no log in between
- Re-positioning before next log enters debarker; cylinders are equipped with Temposonic sensor **NEW**
- Piston accumulators (nitrogen) with pressure level control **NEW**

### ENHANCED SAFETY

- Safety switches and safety sensors on service doors
- Safety sensors for recognizing when rotor is in/out position
- Service platform opens when rotor is in out-position
- All moving parts are inside machine frame or covered with safety guards, no need for additional protection **NEW**
- Readiness to install service platforms with handrails on debarker roof **NEW**

### RENEWED LUBRICATION SYSTEMS

- Oil lubrication for rotor bearing, Air Seal and conveyor flite-chain
- Progressive grease lubrication system for points requiring constant/daily lubrication, total 12 points/feedroll pair **NEW**
- Lubricant flow control **NEW**
- Oil collecting and recycling system available for debarking rotor





## Technical Data - Debarkers with remote controlled pneumatic tool pressure

VK9000HD-1R		VK9056HD	VK9056HDSL	VK9068HD	VK9068HDSL	VK9081HD	VK9081HDSL
A	mm	8325	9225	8325	9225	8325	9225
B	mm	1240	1240	1240	1240	1240	1240
C	mm	4200	4200	4200	4200	4200	4200
D	mm	6949	6949	7014	7014	7330	7330
E	mm	3380	3380	3380	3380	3696	3696
Debarking diameter	mm	100-560	100-560	100-680	100-680	100-810	100-810
Minimum log length	m	2,7	2,3	2,7	2,3	2,7	2,3
Weight	kg	38 600	44 300	39 200	45 000	40 200	45 900

VK9000HD-COMBI-2R		9056	9068	9081
A	mm	9985	9985	9985
B	mm	1240	1240	1240
C	mm	4200	4200	4200
D	mm	6949	7014	7330
E	mm	3380	3380	3696
Additional pair of rolls	mm	900	900	900
Debarking diameter	mm	100-560	100-680	100-810
Minimum log length	m	3,0 (2,3)	3,0 (2,3)	3,0 (2,3)
Weight	kg	54 300-65 600	55 300-66 800	57 200-68 800

VK9000HD-COMBI-2R RE		9056	9068	VK9000HD-COMBI-3R / 9056	COMBI-3R / 9068
A	mm	9920	9920	11580	11580
B	mm	1240	1240	1240	1240
C	mm	4200	4200	4200	4200
D	mm	7014	7014	7014	7014
E	mm	3380	3380	3380	3380
Additional pair of rolls	mm	900	900	900	900
Debarking diameter	mm	100-560	100-680	100-560	100-680
Maximum log diameter before reducing	mm	720	780	720	780
Maximum reduced diameter	mm	520	580	520	580
Minimum log length	m	3,4 (2,6)	3,4 (2,6)	3,4 (2,6)	3,4 (2,6)
Weight	kg	53 100-64 500	53 700-65 200	68 800-85 900	69 700-87 000

