

**List of components of "VAAHTO" Top Fourdrinier**  
**In "As is where is" basis**

|                 |  |         |
|-----------------|--|---------|
| Machine Width   | Wire width   | 190"    |
|                 | Head Box Pond width  | 182"    |
| Machine Speed   | Design Speed   | 3000FPM |
|                 | Balancing Speed  | 3000FPM |
|                 | Drive Speed  | 3000FPM |
| Hand of Machine | When standing at the Head box looking towards the reel,<br>The drive is on the right hand side |         |

**List of Components**

- Hydraulic Head Box with integral attenuating chamber** **1 Pcs**
- Complete in SS 2343 construction**
  - **Minimum Slice flow** **11,005 GPM**
  - **Maximum Slice Flow** **18,005 GPM**
  - **Overflow at the Weir** **Max 6.5 GPM**
  - **Recirculation rate** **max 10%**

**In the tapered inlet Header**
- Tapered Header opening Equipment/HB** **1 pcs**
  - **Operated with integrated Hydraulic Unit**
- Top lip vertical and horizontal movement by worm Gear Electric Motor operated**
- Lice profile fine adjusters hb** **Spacing @ 4" Manually operated**
- Thermal Compensation system/hb**
- Overflow tank/hb** **1 pcs**
- Head box Walkways and Platforms with hand rails and supports in SS 2333**
- Wire section Frames SS Clad SS 2343** **1 lot**
- Forming Board, SS 2343, 31.5" 1+5 blades, Ceramic** **1 pcs**
- Foil Boxes** **3 pcs**
  - **Unit width 31.5",blades/Unit 7pcs,blade width 2.4", Blades of Ceramic**
  - **T bars are suitable for both Ceramic and plastic,**
  - **Unit can be adjusted in Vertical and machine directions**
  -
- Vacufoil Box** **3 pcs**
  - **Description** **sane as for foil boxes**
- Double flat suction Boxes** **2 pcs**
- Cover width** **2x 15.7"**
- Cover material** **Ceramic**

## Top Wire Rolls

|   |                     |       |
|---|---------------------|-------|
| -Breast Roll and lifting equipment                    |                     | 1 pcs |
| • Shell Material                                      | Steel               |       |
| • Diameter/Shell Length                               | 28"/194"            |       |
| • Shell cover   | Hard Rubber 0-3 P&J |       |
| -Wire Turning Roll                                    |                     | 1 pcs |
| - Couching Roll and Lifting equipment, 31.5"/194", SS |                     | 1 pcs |
| -Leading Rolls 20"/194", Hard Rubber 0-3 P&J          |                     | 3 pcs |
| -Grease Equipment                                     |                     | 1 set |
| -Doctors for Top wire rolls                           |                     |       |
| • Breast Roll/HDPE                                    | 1 pcs               |       |
| • Turning roll  | 1 pcs               |       |
| • For leading rolls                                   | 3 pcs               |       |

## -Showers for wire section

|  |       |
|--|-------|
| • High Pressure shower for wire Intermittent     | 1 pcs |
| • High Pressure couch roll cleaning Continuous   | 1 pcs |
| • Wire leading roll cleaning Continuous          | 3 pcs |
| • Wire Edge cleaning Continuous                  | 1+1   |
| • End lube showers for double flat Suction Boxes | 2+2   |
| • Breast Roll showers, Continuous                | 1     |
| • Deckle showers                                 | 2     |

Shower pipes and nozzles are SS 2343

## Stretchers and Guides

|   |       |
|---|-------|
| • Automatic wire guide equipment, pneumatic   | 1 pcs |
| • Automatic wire stretch equipment, pneumatic | 1 pcs |
| • Manual wire stretch equipment,pneumatic     | 1 pcs |

## Other Equipment for wire section

|  |        |
|--|--------|
| • Deckle Rulers                                    | 1 pair |
| • Water Save all tray with supports SS 2343        | 1 set  |
| • Shower water save all tray with supports SS 2343 | 1 set  |
| • Air Exhaust equipment                            | 1 set  |
| • Wire change equipment                            | 1 set  |
| • Roll change equipment, where crane is not used   | 1 set  |
| • Wire section Walkways SS 2343/Al treading plates | 2 pcs  |
| • Mechanical drives for top wire                   | 1set   |

**Head box control PLC to hook to existing DCS**

**PIC -1 Total head control, 2 pcs**

**LIC-2 Head box pond level control**

**Electronic Level transmitter 1 pcs**

**Control,V/V with pn actuator and digital positioner 2 pcs**

**PC-3 Head Box Air supply**

**LIC-4 Overflow tank level control**

**HI-5 Stock header recirculation control**

**TIC-6 Thermal Compensation**

**GIC-11 Top lip Horizontal movement**

**GIC-12 Top lip vertical movement**

**P-13 Thermal compensation Pump R**

**TS-14 Thermal compensation Heating element**

**HS-15 Service light,**

**Control boxes of SS**

**Complete set of Installation and assembly drawings, operating instructions etc are available as provided by the supplier**

## IPC- List of Approach flow equipment (GL&V) and Goulds Pumps etc

### In" as is where is" basis

1. Approach flow screen Qty one  
Manufacturer GL&V  
Type/Model M-44 SS 316 construction  
Condition Unused since purchase in 2006  
Screen perforation 0.062"/ holes  
Rotating assembly 10 foils, shaft, sleeve all in SS 316  
Drive High Capacity V belt  
Motor 75 HP/1200RPM (not included)  
Spare basket for the screen one
2. Celleco CLP 700 Cleaners  
Cleaner capacity 3.37 BD Kg/sec  
Freeness 400 ml  
Inlet Consistency max 1.18%  
No of Stages Four  
1<sup>st</sup> stage 36 bodies/4 Isolated( with 5 S-8 satellites)  
2<sup>nd</sup> stage 16 bodies/0 isolated  
3<sup>rd</sup> stage 6 bodies/0 Isolated  
4<sup>th</sup> stage 3 bodies/1 isolated
3. Cleanpac Fibermizer 350 FMZ 3 bodies
4. Goulds Pumps( all pumps are unused and are brand new)
  - a. Model 3175L 14x14-18H (stage 1) qty 1  
7000GPM/86 feet Head, All Iron, SS impeller, sleeve and shaft  
With common base plate suitable for 250HP/1200 RPM motor(not included)
  - b. Model 3175M 8x10-18H (Stage II) qty 1  
2,800GPM/86 feet Head, all Iron, SS impeller, sleeve and shaft  
With common base plate suitable for 100HP/1200 rpm motor (Not included)
  - c. Model 3196 XLTX, 6x8-15 (stage III) qty 1  
1050 GPM/86 feet head, all iron, SS impeller, shaft and sleeve  
With common base plate suitable for 40 HP/1200 rpm motor( not included)
  - d. Model 3196 XLTX 6x8-15 (IV stage) qty 1  
496 GPM/92 feet Head, all iron, SS impeller, shaft and Sleeve  
With common base plate suitable for 40 HP91200RPM Motor( not Included)