



REFERENCES 1986-2018

Finnpneumatic Oy Ltd se od 1986 godine bavi planiranjem, projektovanjem, izradom i montažom sistema za pneumatski transport i industrijsko otprašivanje.

RAUMA-REPOLA Oy UPM-KYMMENE

Pneumatic sawdust transport Capacity Material Weight Transport distance Vertical distance	42000 kg/h = 70 loose m ³ /h wet sawdust 600 kg/loose m ³ 300 m 15 m
Pneumatic woodchips transport Capacity Material Weight Transport distance Vertical distance	360000 kg/h = 1000 m ³ /h woodchips 400 kg/m ³ 750 m 20 m
Pneumatic woodchips transport Capacity Material Weight Transport distance Vertical distance	250000 kg/h = 700 m ³ /h woodchips 356 kg/m ³ 15 m 40 m
Pneumatic woodchips transport Capacity Material Weight Transport distance Vertical distance	25200 kg/h = 70 m ³ /h woodchips 360 kg/m ³ 230 m 40 m

ENSO GUTZEIT SUMMA STORAENSO Oy POWER PLANT

Pneumatic bark transport Capacity Material Weight Transport distance Vertical distance	21000 kg/h = 55 m ³ /h bark 380 kg/m ³ 560 m 40 m
--	---



KAJAANIOYKAJANIUPM-KYMMENEYOY

Pneumatic woodchips transport	
Capacity	48000 kg/h = 55 m ³ /h
Material	wood chips
Weight	400 kg/m ³
Transport distance	900 m
Vertical distance	20m

RAUMAREPOLAOYRAUMA (UPM –KYMMENEYOY)

Pneumatic woodchips transport	
Capacity	50000 kg/h = 55 m ³ /h
Material	wood chips
Weight	400 kg/m ³
Transport distance	380 m
Vertical distance	30m

UNITED PAPER MILL RAUMA (UPM-KYMMENE OY)

Pneumatic sawdust transport	
Capacity	30000 kg/h 0 100 m ³ /h
Material	sawdust
Weight	300 kg/m ³
Transport distance	400 m
Vertical distance	30 m
Pneumatic woodchips transport	
Capacity	50000 kg/h 0 125 m ³ /h
Material	wood chips wood waste
Weight	400 kg/m ³
Transport distance	250 m
Vertical distance	20 m
Pneumatic bark transport POWER PLANT	
Capacity	80000 kg/h = 200 m ³ /h
Material	bark
Weight	400 kg/m ³
Transport distance	200 m
Vertical distance	30 m

CELULOSE DE STRASBOURG S.A STRASBOURG-FRANCE

Dust and steam removal plant 1line	
Capacity of wet separator cyclone	43200 m ³ /h air
Ventilator	75 kw 3500 Pa
Material	fine bark dust + steam



AUSSEDAT RAY, USINE DE SAILLAT –FRANCE

Dust and steam removal plant 1line	
Capacity of wet separator cyclone	43200 m ³ /h air
Ventilator	75 kw 3500 Pa
Material	fine bark dust + steam

ENSO-GUTZAIT OY VARKAUS SAW MILL (STORA ENSO Oy)

Pneumatic woodchips transport	
Capacity	120000 kg/h = 300 m ³ /h
Material	wood chips
Weight	400 kg/m ³
Transport distance	400 m
Vertical distance	45 m
Pneumatic sawdust transport	
Capacity	36000 kg/h = 120 m ³ /h
Material	sawdust
Weight	300 kg/m ³
Transport distance	600 m
Vertical distance	30 m

ETELÄ-SAVON ENERGIA Oy POWER- PLANT

Bark and sawdust pneumatic transport	
Capacity	160000kg/h = 400 m ³ /h
Material	bark +sawdust
Weight	400 kg/m ³
Transport distance	350 m
Vertical distance	25 m

MB –METSÄ BOTNIA KASKINEN

Modification of pneumatic bark line	
Capacity	80000 kg/h = 200m ³ /h
Material	bark
Weight	400 m ³ /kg
Transport distance	350 m
Vertical distance	48 m
Modification of knot pulp line	
Capacity	240000 kg = 600 m ³ /h
Material	knot pulp
Weight	660 kg/m ³
Transport distance	22 m
Vertical distance	17 m



PRINTING HOUSE PLANT - OTAVA

Dust removal plant Capacity of wet separator cyclone Ventilator Material	15000 m ³ /h ait volume 35 kw 5000 Pa fine paper dust
--	--

ENSOGUTZAITTAINIOKOSKI (STORAENSO)

Pneumatc bark transport Capacity Material Weight Transport distance Vertical distance	48 bark 000 kg/h=120 m ³ /h bark 400 kg/m ³ 320 m 40 m
---	--

CELULOSE DEL PACIFICO S.A. CELPAC,MINICO-CHILE

Pneumatic knot transport Capacity Material Weight Transport distance Vertical distance	5000 kg/h= 9m ³ /h knot pulp 555 kg/m ³ 80 m 15 m
--	---

USSR- NADVORNAJA -UKRAINA

Pneumatic woodchips transport Capacity Material Weight Transport distance Vertical distance	100000 kg/h = 250m ³ /h wood chips 400 kg/m ³ 350 m 20 m
---	--

UPM-KYMMENE HEINOLA

Pneumatic finedust transport Capacity Material Weight Transport distance Vertical distance	7000kg/h = 12 m ³ /h wood fine dust 600 kg/m ³ 350 m 20 m
--	---



FINNPNEUMATIC OY Ltd

ATLAS NORDIC CEMENT Ltd KUNDA ESTONIA

Pneumatic lime and sand transport	
Capacity	2x20000 kg/h =2x25 m3/h
Material	lime+ sand
Weight	800 kg/m3
Transport distance	120 m
Vertical distance	20 m

TAMPELLA POWER Oy KOSTAMUS RUSSIA

Pneumatic finelime transport and dust removal plant	
Capacity	20000kg/h =25m3/h
Material	finelime und lime dust
Weight	800kg/m3
Transport distance	1000 m
Vertical distance	40 m
Capacity of separator bag filter	9000 m3/h
Ventilator	15 kw 3500 Pa
Material	fin lime dust

ENSO GUTZAIT Oy STORA ENSO VARKAUS

Pneumatic plastic transport of waste liquid packing board	
Capacity 2 lines	12000 kg/h =240m3h
Material	plastic waste
Weight	50-100 kg/m3
Transport distance	750 m
Vertical distance	40 m

METSE SERLA Oy KIRKNIEMI (M-real Oy) POWER PLANT

Pneumatic bark transport	
Capacity	60000 kg/h =150m3/h
Material	bark
Weight	400 kg/m3
Transport distance	800 m
Vertical distance	15 m



FINNPNEUMATIC OY Ltd

UPM-KYMMENE KAJAANI

Dust and steam removal plants 2 lines	
Capacity of wet separator	2x 43200m ³ /h
Ventilators	2x 75 kw 3500 Pa
Exhaust fans	2x 15 kw 500Pa
Material	finedust of bark

UPM-KYMMENE RAUMA

Dust removal plants 2 lines	
Capacity of wet separator	2x 43200 m ³ /h
Ventilators	2x 75 kw 4000 Pa
Material	finedust of bark

METSÄ-RAUMA RAUMA CELL

Dust and steam removal plants 2lines	
Capacity of wet separators	2x 43200 m ³ /h
Ventilators	2x75 kw 4000Pa
Exhaust fans	2x15 kw 500 Pa
Material	fine bark dust

UNITED SAW MILL KAJANI POWER PLANT

Pneumatic bark transport	
Capacity	40000 kg/h=100m ³ /h
Material	Bark
Weight	400 kg/m ³
Transport distance	700 m
Vertical distance	40 m
Cutter chips transport	
Capacity	10000 kg/h=200m ³ /h
Material	cutter chips und dust
Weight	200 m ³ /kg
Transport distance	350 m
Vertical distance	40 m
Saw dust transport	
Capacity	7000 kg/h= 20m ³ /h
Material	fine saw dust
Weight	350 kg/m ³
Dust removal plant	
Capacity of dry cyclone	50000 m ³ /h
Ventilator	132 kw 6000 Pa
Material	fine saw dust



FINNPNEUMATIC OY Ltd

METSÄ-BOTNIA KEMI

Pneumatic woodchips transport	
Capacity	60000 kg/h=150m ³ /h
Material	Woodchips
Weight	400 kg/m ³
Transport distance	300 m
Vertical distance	30 m

METSÄ-SERLA Oy SIMPELE

Pneumatic bark transport	
Capacity	10000 kg/h=25m ³ /h
Material	Bark
Weight	400kg/m ³
Transport distance	350m
Vertical distance	30m

PORTUCEL EMPRESA DE CELULOSE VIANA PORTUGAL

Pneumatic sawdust transport	
Capacity	10500 kg/h= 25m ³ /h
Material	saw dust
Weight	420 kg/m ³
Transport distance	350 m
Vertical distance	35 m

FINNFOREST Oy SUOLAHTI

Pneumatic saw dust,cutter chips and wood waste	
Capacity	7000 kg/h=23m ³ /h
Material	saw dust.cutter chips and wood waste
Weight	300m ³ /kg
Transport distance	300 m
Vertical distance	15 m

VAPO LIEKSA THERMAL POWER STATION

Pneumatic transport saw dust and peat coke	
Capacity	4000kg/h=11.1m ³ /h
Material	saw dust + peat coke
Weight	400 kg/m ³
Transport distance	20m
Vertical distance	10m



FINNPNEUMATIC OY Ltd

SÖDRA CELL-VÄRÖ BRUK –ANDRITZ SWEDEN

Dust removal plant 1line Capacity of wet separator Ventilator Material	43000 m3/h 75 kw 4000 Pa fine bark dust
--	---

STORA-ENSO VARKAUS /ANDRITZ

Dust removal plant Capacity of wet separator Ventilator Material	35000 m3/h 55 kw3500 Pa fine bark dust
--	--

STORA- ENSO KEMI

Dust + steam removal plants 2 lines Capacity of wet separators Ventilators Exhaust fans for steam Material Measuring concentration of input dust 10 gr/Nm3 air	2x 45000m3/h 2x90 kw 5000 Pa 2x 21600m3/h x11kw 700Pa fine bark dust +steam emission 20 mg/Nm3
--	--

INTERNATIONAL PAPER SVETOGORSK-RUSSIA

Pneumatic wood chips transport Capacity Material Weight Transport distance Vertical distance	400000 kg/h=1000m3/h wood chips 400 kg/m3 750 m 45m
Dust removal plant 1 line Capacity of wet separator Ventilator Material	43200 m3/h 75kw 4000 Pa fine bark dust

STORA ENSO VEITSILUOTO

Pneumatic wood chips transport Capacity Material Weight	400000 kg/h=1000m3/h wood chips 400kg/m3
---	--

Transport distance	350 m
Vertical distance	35m



FINNPNEUMATIC OY Ltd

SUNILA OY SUNILA

Pneumatic wood chips transport	
Capacity	180000k/h=420m3/h
Material	wood chips
Weight	400 kg/m3
Transport distance	300 m
Vertical distance	30 m
Exhaust plant for de-icing conveyer	
Capacity of exhaust fan	21600 m3/h 15 kw
Material	steam + fine dust

NORSKE SKOGINDUSTRIER SKOGN NORWAY

Exhaust plant and blowing cover for de-icing conveyer	
Capacity of exhaust fan	21600m3/h 15 kw
Material	steam + fine dust
Blowing fan	5000 m3/h 12 kw

MÄLARENERGI AB VÄSTERÅS-SWEDEN POWER PLANT

Pneumatic wood pellets and peat coke	
Capacity	42000kg/h=60m3/h
Material	wood pellets +peate coke
Weight	700kg/h
Transport distance	350 m
Vertical distance	45 m
Dust removal plant	
Capacity of dry bag filter	10000m3/h
Material	fine dust of peat coke
Ventilator	10000m3/h 15 kw

VATTERFALL SWEDEN –MYLLYKOSKI PAPER

Pneumatic sludge transport	
Capacity	40000kg/h=57m3/h
Material	pulpe sludge
Weight	700kg/m3
Transport distance	800 m

Vertical distance	40 m
-------------------	------



FINNPNEUMATIC OY Ltd

THAILAND COAL MINE ESTABLISHMENT

Dust removal plant	
Capacity of wet separator	420000 m3/h
Material	fine coal dust
Weight	700kg/m3
Ventilator	42000m3/h 75kw

BURGOS PAPER MILL-ITALY

Dust removal plant	
Capacity of wet separator	45000 m3/h
Material	saw dust from screening plant
Ventilator	45000m3/h 110 kw

UPM-KYMMENE JOUTSENO PULP JOUTSENO

Dust and steam removal plants 2 lines	
Capacity of wet separators	2x 43000m3/h
Material	fine bark dust
Ventilators	2x 42000 75 kw
Measuring concentration of input dust 10 g/N m3	imission 25 mg/m3

FRANTSCHASH SWEIECIE S.A.POLAND

Dust removal plants 2 lines	
Capacity of wet separators	2x 43200m3/h
Material	fine bark dust
Ventilators	2x43000 75 kw

ANDRITC LENZING AUSTRIA

Dustremoval plant 1line	
Capacity of wet separator	40000m3/h
Material	fine bark dusty
Ventilator	40000m3/h 55 kw

ANDRITZ GRATKORN AUSTRIA

Dust removal plant	
Capacity of wet separator	40000m ³ /h
Material	fine bark dusty
Ventilator	40000m ³ /h 55 kw



FINNPNEUMATIC OY Ltd

ANDRITZ ARKANGELSK RUSSIA

Dust removal plant	
Capacity of wet separator	36000 m ³ /h
Material	fine bark dust
Ventilator	36000m ³ /h 55 kw

STENDAL GERMANY

Dust removal plants 2 lines	
Capacity of wet separators	2x 43200 m ³ /h
Material	fine burk dust
Ventilators	2x43200m ³ /h 75 kw
Measuring concentration of input dust 10 g/N m ³	imission 10-15 mg/m ³

METSÄ-BOTNIA KASKINEN

Dust removal plant 1 liue	
Capacity of wet separator	36000 m ³ /h
Material	fine bark dust
Ventilator	36000m ³ /h 55 kw