


























































































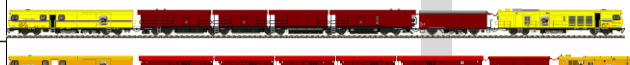


Entreprise	Machines	Long.	Poids t.	V. max	Véhicules de charbon ferroviaire et wagon P 2002201	Type machines
Locomotives	800 CFF FFS	Am 940	18,600 m.	84,000 t.		
Locomotives	800 CFF FFS	Am 841	14,120 m.	73,000 t.	80 km/h	
Locomotives	800 CFF FFS	Am 842	12,500 m.	80,000 t.	80 km/h	
Locomotives	800 CFF FFS	Am 843	15,200 m.	80,000 t.	100 km/h	
Locomotives	800 CFF FFS	Tm 234 4ax	14,240 m.	39,600 t.		
Locomotives	800 CFF FFS	Tm 234	11,260 m.	28,000 t.	80 km/h	
Locomotives	800 CFF FFS	Tm 234.1+2	11,360 m.	28,000 t.	80 km/h	
Locomotives	800 CFF FFS	Tm 234.2 nacelle	11,360 m.	37,000 t.	80 km/h	
Locomotives	800 CFF FFS	Tm 232	8,740 m.	25,000 t.	80 km/h	
Locomotives	800 CFF FFS	Tm IV	7,670 m.	30,000 t.	60 km/h	
Locomotives	800 CFF FFS	XTrm 102-9 neige	7,830 m.	18,000 t.	45 km/h	
Locomotives	800 CFF FFS	Wotm 95-8 neige	13,090 m.	54,000 t.	80 km/h	
Locomotives		Tm 232 nacelle - Anja-Bella	7,750 m.	25,000 t.	60 km/h	
Locomotives		Tm 235 grue - Carla	9,240 m.	19,000 t.	80 km/h	
Locomotives		Tm 235				
Locomotives		Tm 235	7,950 m.	29,000 t.		
Locomotives		Tm 235 grue	9,960 m.	19,000 t.		
Locomotives		Tm 235	14,400 m.	36,000 t.	100 km/h	
Locomotives	Cargo	Em 923	9,100 m.	45,000 t.	100 km/h	
Locomotives	Cargo	Ra 420	15,520 m.	85,000 t.	140 km/h	
Locomotives	Cargo	Ra 620	19,310 m.	120,000 t.	140 km/h	
Locomotives	Cargo	Am 840	20,000 m.	90,000 t.	100 km/h	
Locomotives		Am 840 (Rhino 1-3)	20,000 m.	90,000 t.	100 km/h	
Locomotives		Am 847 (Bison)				
Locomotives		Am 846 (Gazelle)				
Locomotives		V100				
Locomotives		Am 843 (G 1700)				
Locomotives		Am 847 (V100) (Nicola)				
Locomotives		V100				
Grues	800 CFF FFS	Bendlin XTrm	8,100 m.	38,000 t.	100 km/h	
Grues	800 CFF FFS	Wg protection	13,860 m.	12,000 t.	100 km/h	
Grues	800 CFF FFS	Xrow 100 Xtrmas	15,000 m.	76,000 t.	100 km/h	
Grues	800 CFF FFS	Wg protection	13,860 m.	40,000 t.	100 km/h	
Grues	800 CFF FFS	Wg protection	12,000 m.	40,000 t.	100 km/h	
Grues	800 CFF FFS	Xrow 350 Xtrmas Wg prot. (20.000/53.0t.) Wg contrep. (13.000/30.0t.) Wg CR (15.000/22.0t.)	12,000 m.	107,000 t.	100 km/h	
Grues	800 CFF FFS	Xrow 800 Xtrmas Wg prot. (20.000/53.0t.) Wg CR (15.000/22.0t.)	13,000 m.	123,000 t.	100 km/h	
Grues	800 CFF FFS	Xrow 1200 Xtrmas Wg prot. (20.000/57.0t.) Wg contrep. (13.000/30.0t.) Wg CR (15.000/22.0t.)	15,000 m.	120,000 t.	100 km/h	
Grues		KRC 408 Vtrmas Wg prot. (19.900/43.0t.) Wg prot. (13.900/25.0t.)	13,000 m.	103,000 t.	120 km/h	
Grues		KRC 610 Vtrmas Wg prot. (20.100/44.0t.) Wg contrep. (20.840/40.0t.)	13,000 m.	127,000 t.	120 km/h	
Grues		KRC1200 Vtrmas Wg prot. (19.900/42.0t.) Wg prot. (19.900/54.0t.) Wg contrep. (19.900/79.0t.)	15,000 m.	128,000 t.	100 km/h	
Grues		Kran 4 V-Trmas Wg prot. (21.000/28.0t.) Wg prot. (20.000/23.0t.)	11,000 m.	110,000 t.		
Grues		Kran 5 V-Trmas Wg prot. (20.000/35.0t.) Wg contrep. (20.000/40.0t.)	13,000 m.	120,000 t.		
Grues		Kran 6 V-Trmas Wg Prot. (20.000/23.0t.) Wg Prot. (20.000/25.0t.)	11,000 m.	118,000 t.		
Grues		Kran 8 V-Trmas Wg prot. (20.000/58.0t.) Wg contrep. (20.000/79.0t.)	14,000 m.	118,000 t.		
Grues		Kran 10 V-Trmas Wg prot. (20.000/39.0t.) Wg contrep. (20.000/45.0t.)	14,000 m.	109,000 t.		
Grues		Kran 11 V-Trmas Wg prot. (20.000/33.0t.) Wg contrep. (20.000/45.0t.)	14,000 m.	109,000 t.		
Grues		Kran 12 - 14 V-Trmas Wg prot. (20.000/43.0t.) Wg contrep. (20.000/76.0t.)	14,000 m.	111,000 t.		
Grues		OS 80.08 T Wg prot. (20.400/34.0t.) Wg prot. (19.900/44.0t.)	13,000 m.	128,300 t.	120 km/h	
Grues		OS 130.06 Wg prot. (19.900/46.3t.) Wg prot. (19.900/61.0t.)	13,000 m.	108,000 t.	120 km/h	

LC	 SBB CFF FFS	Nu 48 Montage LC	15,020 m.	23,000 t.		
LC	 SBB CFF FFS	XTmas Ariane	19,240 m.	69,000 t.		
LC	 SBB CFF FFS	XTmass Hubé	20,000 m.	51,100 t.		
LC	 SBB CFF FFS	XTmass Kizari	20,000 m.	52,100 t.		
LC	 SBB CFF FFS	XTmass Kombi	20,000 m.	63,900 t.		
LC	 SBB CFF FFS	XTms Diana	11,860 m.	24,600 t.		
LC	 SBB CFF FFS	XTms Iris	13,860 m.	24,000 t.		
LC	 SBB CFF FFS	XTms Apollo	13,860 m.	39,600 t.		
LC	 SBB CFF FFS	XTm 7m Rolli	12,000 m.	15,000 t.		
LC	 SBB CFF FFS	XTms 18m	13,860 m.	35,300 t.		
LC	 SBB CFF FFS	X 37 Bobine	12,000 m.	15,900 t.	90 km/h	
LC	 SBB CFF FFS	XTms Hubwagen	13,860 m.	36,100 t.		
LC	 SBB CFF FFS	Xo 36 Xo 37				
LC	 SBB CFF FFS	Xo 38	13,860 m.	13,800 t.	100 km/h	
LC	 SBB CFF FFS	Xo 38	13,860 m.	13,800 t.		
LC	 OLIVIERO TORINIO	Julia	13,900 m.	25,300 t.	100 km/h	
LC	 OLIVIERO TORINIO	Flora	13,900 m.	26,600 t.	100 km/h	
LC	 OLIVIERO TORINIO	Heidi 1-2	13,900 m.	32,200 t.	100 km/h	
LC	 OLIVIERO TORINIO	Ira	13,900 m.	32,200 t.	100 km/h	
LC	 sersa	Tm 235	13,100 m.	29,000 t.	100 km/h	
LC	 sersa	XTms	13,860 m.	36,100 t.	100 km/h	
LC	 Furrer + Frey	VTms 600	8,600 m.	29,000 t.		
LC	 Furrer + Frey	VTms 601	8,600 m.	24,300 t.		
LC	 Furrer + Frey	Vs (13.860/12.45) - Vs (13.860/11.95) - VTms - TMS 1-3				
LC	 Furrer + Frey	SBR03 - SBR05				
LC	 Furrer + Frey	C340 + échelle - C9800				

Bourrage		B 09-32/45 Unimat	31,140 m.	138,000 t.	100 km/h	
Bourrage		B 09-32/4 S	34,140 m.	129,000 t.	100 km/h	
Bourrage		B 09-16/4 S	42,940 m.	147,000 t.	120 km/h	
Bourrage		Bourrages univ. pr voies et AV B 08-475/45	34,990 m.	110,000 t.	100 km/h	
Bourrage		B 66 UC	34,140 m.	138,000 t.	100 km/h	
Bourrage		B 3001	49,740 m.	147,000 t.	100 km/h	
Bourrage		B-08 759-SP, 762-SP 760-SP	24,603 m.	54,000 t.	100 km/h	
Bourrage		B-08 758-SP	25,505 m.	53,300 t.	100 km/h	
Bourrage		BNA 661-6L	31,295 m.	76,000 t.	100 km/h	
Bourrage		BNA 662-6L	31,295 m.	76,000 t.	100 km/h	
Bourrage		BNA 663-6M	36,985 m.	90,000 t.	100 km/h	
Bourrage		BNA 664-6M, 665-6M	36,985 m.	91,200 t.	100 km/h	
Bourrage		BNA 341	29,140 m.	82,000 t.	100 km/h	
Bourrage		B60U-1	19,400 m.	48,000 t.		
Bourrage		B60U-2	19,400 m.	50,000 t.	100 km/h	
Bourrage		B66U-1	27,010 m.	71,000 t.	100 km/h	
Bourrage		B66U-2	26,430 m.	71,000 t.	100 km/h	
Bourrage		B66U-3	27,540 m.	76,000 t.	100 km/h	
Bourrage		B66U-4	27,540 m.	76,000 t.	100 km/h	
Bourrage		B66U-5	30,480 m.	86,000 t.	100 km/h	
Bourrage		B66U-6	37,185 m.	117,500 t.	100 km/h	
Bourrage	GCF	B 66 UC D-32	38,085 m.			
Bourrage		DuoIneo-1, -2	23,935 m.	53,000 t.	100 km/h	
Bourrage		D509-4X	44,540 m.	177,500 t.	100 km/h	
Bourrage		Unimat Combi 08-16 SH	22,980 m.	65,000 t.	100 km/h	

Réglage		réglage av. cont.: KSP-3	31,090 m.	66,000 t.	80 km/h	
Réglage		réglage av. cont.: KSP-4	18,990 m.	46,000 t.	80 km/h	
Réglage		R 20L	13,440 m.	26,000 t.	80 km/h	
Réglage		R21U	15,120 m.	31,000 t.	100 km/h	
Réglage		R30LR	16,170 m.	37,000 t.	100 km/h	
Réglage		SSP 110 SW	17,400 m.	38,000 t.	100 km/h	
Réglage		KSP 3000	14,190 m.	86,200 t.	100 km/h	
Réglage		KSP -1	30,150 m.	80,900 t.	100 km/h	
Freinage		Freinage SF 03 FFS	23,800 m.	120,000 t.	100 km/h	
Freinage		Freinage voies: MB 600	36,900 m.	122,000 t.	100 km/h	
Freinage		Freinage voies: BR 24 MB-15	75,200 m.	246,000 t.	100 km/h	
Freinage		Freinage AV: MB 24 MB-4	21,920 m.	85,000 t.	100 km/h	
Meulage		MSG-2-2	44,000 m.	152,000 t.	0 km/h	
Meulage		MSX-W	50,880 m.	157,000 t.		
Meulage		Meulage voies: Grizzly 103	93,970 m.	322,000 t.	100 km/h	
Meulage		Meulage AV, voies: Grizzly 104 L	102,670 m.	352,000 t.	100 km/h	
Meulage		Meulage AV: Grizzly 106	64,570 m.	216,000 t.	100 km/h	
Bétonnage		Vb (20.020/23.5t.) - Grue Vb (13.860/15t.) - Mat. V (8.340/9.4t.) - Tip. V (13.860/11.7t.)				
Bétonnage		Vbs (20.020/24.0t.) - Va (19.240/28.4t.) - Vb (19.900/28.2t.)				
Bétonnage		Composition				

		Comptage, profilage et broissage: RFP 2005	27,590 m.	63,000 t.	100 km/h	
Divers		Balastage et réglage: P 521	13,140 m.	23,700 t.	100 km/h	
		P 522				
Divers		Balastage et réglage: P24	16,600 m.	32,000 t.	100 km/h	
Divers		Balastage, réglage, damage: DP 955 - 956	15,440 m.	40,200 t.	100 km/h	
Divers		Chargement, cribreuse RUMBER v.6	23,790 m.	71,000 t.		
Divers		Excavation: W1	20,200 m.	52,000 t.	100 km/h	
Divers		Transport: BSW1	26,000 m.	17,200 t.	0 km/h	
Divers		Installation: W15	13,860 m.	26,700 t.	100 km/h	
Divers		Criblage: WMS 205	12,000 m.	40,000 t.	100 km/h	
		Transport:	15,000 m.	12,000 t.	80 km/h	
Divers		Dégarnisseuse-cribleuse: WSP 1	26,840 m.	74,000 t.	80 km/h	
Divers		Soudage rails: RDA E11	24,500 m.	82,000 t.	100 km/h	
Divers		Substit. et neutralisation rails: RDA E21	49,720 m.	132,000 t.	100 km/h	
Divers		Substitution voie: Puma 18-2	36,400 m.	60,200 t.	80 km/h	
Divers		Substitution voie: Puma 90 L	67,320 m.	208,000 t.	100 km/h	
Divers		Substitution voie: Puma 5	72,170 m.	215,000 t.	100 km/h	
Divers		Assainissement voie: Puscac 28-38 + Wg compr.	88,470 m.	158,000 t.	80 km/h	
Divers		Assainissement voie: unité excavation Puscac 5	177,890 m.	490,000 t.	100 km/h	
Divers		Assainissement voie: unité assainissement Puscac 5	187,770 m.	290,000 t.	100 km/h	
Divers		Assainissement voie: Puscac 7	106,930 m.	283,000 t.	80 km/h	
Divers		Criblage voie à gabarit restreint: DBL 21	75,520 m.	164,000 t.	80 km/h	
Divers		Treuil: 11	20,480 m.	19,500 t.	100 km/h	
Divers		Wagon énergie 1	15,650 m.	15,000 t.	100 km/h	
Divers		Wagon énergie 2	13,860 m.	15,000 t.	100 km/h	
Divers		TREVAC 1,2,6-8, TREVAC 3	13,860 m.	39,000 t.	80 km/h	
Divers		Criblage voie +AV: C 76	26,370 m.	85,100 t.	100 km/h	
Divers		Criblage voie: S 76	24,690 m.	78,000 t.		
Divers		Soudage rail: SCL Martin	7,800 m.	17,400 t.		
Divers		Soudage Serstar		35,300 t.		
Divers		Vanoplyder	20,000 m.	46,000 t.	50 km/h	
Divers		Vanopoter 1-3	11,360 m.	15,000 t.	10 km/h	
Divers		Vanolineer 1	13,200 m.	30,000 t.		
Divers		Vanolineer 2 + 3	12,500 m.	32,000 t.		
Wagons privés		Wg de chargement: HFS 38	19,900 m.	40,000 t.	100 km/h	
Wagons privés		Wg de chargement: HFS40 - HFS 40-4	18,380 m.	37,000 t.	90 km/h	
Wagons privés		Wg de chargement: HFS100-L	22,900 m.	60,000 t.	100 km/h	
Wagons privés		Wg de chargement: HFS120	22,900 m.	65,000 t.	100 km/h	
Wagons privés		Wg de chargement: Ws 53 Demise - Spa				
Wagons privés		Wg de chargement: HFS 100-1	22,900 m.	60,000 t.	100 km/h	
Wagons privés		Wg de chargement: HFS 40-1 à 10	18,300 m.	40,000 t.	100 km/h	
Wagons privés		Wg de chargement avec chenilles: AVES-1+	19,900 m.	66,000 t.	100 km/h	
Wagons privés		Wg de chargement: AVES-2	19,900 m.	42,200 t.	100 km/h	
Wagons privés		Wg de chargement: QV-2	19,900 m.	41,600 t.	100 km/h	
Wagons privés	Euroswitch	RTW 4 (25,260/40.0t.)	25,260 m.	40,000 t.	100 km/h	
Wagons privés		Wg Modérial	15,000 m.	19,000 t.	100 km/h	
Wagons privés		Q. V.	9,830 m.	11,500 t.		
Wagons privés		Wg modérial				
Wagons privés		Wg modérial				
Wagons privés		Wg modérial				
Wagons privés		Wg modérial	10,580 m.	11,610 t.	100 km/h	
Wagons privés		Bene Maya Xas	20,020 m.	48,500 t.	100 km/h	
Wagons privés		Bene Maya Xas Energie	15,000 m.	16,300 t.	100 km/h	
Wagons 34		Xs 39 lum. Xs 39 (13.860/19.7t.) insp. Tunnel	13,860 m.	19,700 t.	100 km/h	
Wagons 34		Xs 37 Abbar VP Wg modérial				
Wagons 34		Xs 72	10,240 m.	13,200 t.		
Wagons 34		Xas 73	15,040 m.	22,500 t.		
Wagons 34		Xs 58			100 km/h	
Wagons 34		Xas 74	15,000 m.	24,500 t.		
Wagons 34		Xas (Fano-u)	12,740 m.	29,000 t.	100 km/h	
Wagons 34		Xas 60 Xas 60 tapis	10,940 m.	16,800 t.	100 km/h	
Wagons 34		Xas 62 Xas 62 tapis	15,040 m.	32,300 t.	100 km/h	
Wagons 34		Xs 57	13,860 m.	17,500 t.	100 km/h	
Wagons 34		Xas 35 turbosais	20,040 m.	32,000 t.	100 km/h	
Wagons 34		Xa (Semp-u)	13,240 m.	24,000 t.	100 km/h	
Wagons 34		Xas 35 eau	9,510 m.	12,600 t.	90 km/h	
Wagons 34		Xas 53	19,900 m.	27,600 t.	100 km/h	
Wagons 34		Xas 52	19,900 m.	28,500 t.	100 km/h	
Wagons 34		Facos: cz - Facos: v RAL.PKO: Fops Fac: v			100 km/h	
Wagons 34		Xs 39	10,000 m.	13,000 t.		
Wagons 34		Xas 37	14,000 m.	23,500 t.	100 km/h	
Wagons 34		Xps (Xis)	14,290 m.	16,200 t.	100 km/h	
Wagons 34		Xas 51 Grue mécanique	20,840 m.	27,500 t.	100 km/h	
Wagons 34		Xas 51 Grue élec.	20,840 m.	28,700 t.	100 km/h	
Wagons 34		Xas 51 Générateur	20,840 m.	29,500 t.	100 km/h	

Wagons 31	 100 CFF FS	Ks 52AD Rutschweg (14.500/24.5t.) Rz 11	29,000 m.	57,500 t.	100 km/h	
Wagons 31	 100 CFF FS	Ks 51	13,860 m.	12,000 t.	100 km/h	
Wagons 31	 100 CFF FS	Kas 52 Stiel Klammweg Kas 50 (15.900/20.4t.) Stiel Zeichweg	19,900 m.	30,400 t.	100 km/h	
Wagons 31	 100 CFF FS	Ks 39 Carrian curage			100 km/h	
Wagons Cargo		Falls Cargo Falls HÖLZERN	12,000 m.	19,500 t.		
Wagons Cargo		Falls VÖDER	12,540 m.	25,100 t.	100 km/h	
Wagons Cargo		Fcs	15,340 m.	13,000 t.	100 km/h	
Wagons Cargo		Fcs-y	9,940 m.	11,500 t.	100 km/h	
Wagons Cargo		Lgrns	17,400 m.	14,000 t.	100 km/h	
Wagons Cargo		Sgrns	20,000 m.	20,000 t.	120 km/h	
Wagons Cargo		Rlrs	19,900 m.	25,500 t.	120 km/h	
Wagons Cargo		Rz, Rz-x	19,900 m.	24,000 t.	100 km/h	
Wagons Cargo		Urkks	20,040 m.	32,000 t.	100 km/h	
Wagons Cargo		Ks	13,860 m.	12,000 t.		
Wagons Cargo		Ras	19,900 m.	24,500 t.	100 km/h	
Wagons Cargo		Rs	10,000 m.	11,500 t.	100 km/h	
Wagons Cargo		Rz-u	10,580 m.	14,000 t.	100 km/h	
Wagons Cargo		Eaos	14,040 m.	22,000 t.	100 km/h	
Wagons Cargo		Eanos	15,740 m.	24,500 t.	100 km/h	
Wagons Cargo		Fas	14,040 m.	27,500 t.	100 km/h	
Wagons Cargo		Faos-u	12,740 m.	29,000 t.	100 km/h	
Wagons Cargo		Gbs	14,520 m.	15,000 t.	100 km/h	
Wagons Cargo		Shmms, Shmms	12,040 m.	23,000 t.	100 km/h	
Wagons Cargo		Tbs	14,620 m.	14,500 t.	100 km/h	
Wagons Cargo		Hbbs, Hbs-ww	14,610 m.	13,000 t.	100 km/h	
Wagons Cargo		Hbbs, Hbs-vy	14,610 m.	14,000 t.	100 km/h	
Wagons Cargo		Hbblls	15,500 m.	15,500 t.	100 km/h	
Wagons Cargo		Hbbllms, Hbms	16,500 m.	16,500 t.	100 km/h	
Wagons Cargo		Hbblls	21,700 m.	30,000 t.	120 km/h	
Wagons Cargo		Hbbllms	23,354 m.	26,000 t.	100 km/h	
Wagons Cargo		Hbbllms	23,264 m.	27,500 t.	100 km/h	
Route		Benno				
Route		Curage				
Route		CFP, Riz, joint				
Route		Rail route: Packer, fauchage talus				
Route		Packer, tra., Bobkat, élévateur				
Route		Grue LIEBHERR				