

: **1.** *Bak P., Chao Tang, Wensenfeld K.* //Phys. Rev. Lett. – 1987. – V. 59. – P. 381-384. **2.** – , 1984. – 649 . **3.** *Mandelbrot B.* Les Objects Fractal. – France: Flammarion, 1995. – 200p. **4.** // – 1992. – . 90. – . 3. – . 354-368. **5.** // – 1998. – . 68. – . 4. – . 7-11. **6.** – , 1991. – 260 . **7.** *Tricot C.* Courbe et dimension fractale. Paris: Springer-Verlag, 1993. – 349 p. **8.** // – 1996. – . 22. – . 23. – . 40-42. **9.** *Mainardi F., Tomirotti M.* Transforms and Special functions. // Proceedings of International Workshop, Sofia, 1994. – P. 171-183. **10.** *Nakayama T., Yakubo K.* // Review of Modern Physics. – 1994. – V. 66. – N 2. – P. 381-443.

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In article, results of bench and industrial researches of technical characteristics and work capacity the vibrating roller classifier when the mountain weight has high humidity are stated and there are its difficulties screening.

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	10	80	82
	4	90	95
	8	90	95
	12	86	90
15 %	4	90	95
	8	80	85
	12	80	80
	5	90	94
	10	83	88
	12	70	72
	3	89	94
	6	82	86
	14	80	80
	4	90	93
	8	80	85
	12	75	80
	3	89	94
	6	86	90
	12	80	88
()	4	90	95
	6	90	95
	10	90	90
()	4	90	95
	6	87	92
	10	82	88
	3	92	96
	5	88	92
	8	84	90
	3	90	94
	5	88	92
	10	82	89
()	10	90	92
	20	82	90
		86	94
	8	90	90
	12	82	87
	15	80	82
()	3	90	94
	5	84	92
	10	82	90

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. 25 (66) – 26 (67). – / . – 2006. – . 37-39. 2. " . – . 14 (55). – , 2002. – . 110-113. 3. " . – . 17. – , 2003. – . 75-78

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Dependence of size and efficiency of thin grinding of rock mass from rotation speed of the rotor of centrifugal-and-impact mill is experimentally determined.